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ANNUAL REGISTER UNITED STATES NAVAL ACADEMY ANNAPOLIS, MD. ✠

EIGHTY-SEVENTH ACADEMIC
YEAR, 1931-1932 ✠ ✠

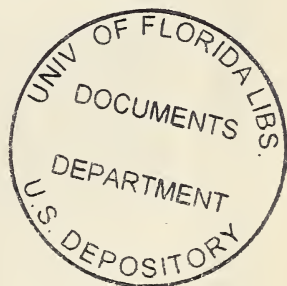




ANNUAL REGISTER
OF THE
UNITED STATES NAVAL ACADEMY
ANNAPOLIS, MD.

SEPTEMBER 25, 1931

EIGHTY-SEVENTH ACADEMIC YEAR
1931-1932



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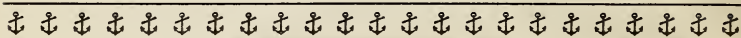
1911-1912

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THE MISSION

TO mold the material received into educated gentlemen, thoroughly indoctrinated with honor, uprightness, and truth, with practical rather than academic minds, with thorough loyalty to country, with a groundwork of educational fundamentals upon which experience afloat may build the finished naval officer, capable of upholding, whenever and wherever may be necessary, the honor of the United States; and withal giving due consideration that healthy minds in healthy bodies are necessities for the fulfillment of the individual missions of the graduates; and that fullest efficiency under this mission can only be attained if, through just and humane yet firm discipline, the graduates carry into the service respect and admiration for this academy

THE UNITED STATES NAVAL ACADEMY

The United States Naval Academy was founded in 1845 by the Hon. George Bancroft, Secretary of the Navy, in the administration of President James K. Polk. It was formally opened October 10 of that year under the name of the Naval School, with Commander Franklin Buchanan as superintendent. It was placed at Annapolis, Md., on the land occupied by Fort Severn, which was given up for the purpose by the War Department by the Hon. William L. Marcy, then Secretary of War. The course was fixed at five years, of which only the first year and the last were spent at the school, the intervening three years being passed at sea. This arrangement was not strictly adhered to, the exigencies of the service making it necessary, in many cases, to shorten the period of study. In January, 1846, four months after the opening of the school, the students consisted of 36 midshipmen of the date of 1840, who were preparing for the examination for promotion; 13 of the date of 1841, who were to remain until drafted for service at sea; and 7 acting midshipmen appointed after September of the previous year. The midshipmen of the date of 1840 were the first to be graduated, finishing their limited course in July, 1846, and they were followed in order by the subsequent dates until the reorganization of the school in 1850.

In September, 1849, the following board was appointed to revise the plan and the regulations of the Naval School:

Commander William B. Shubrick.

Commander Franklin Buchanan.

Commander Samuel F. DuPont.

Commander George P. Upshur.

Surg. W. S. W. Ruschemberger.

Prof. William Chauvenet.

Capt. Henry Brewerton, United States Army.

The plan reported by the board was approved and went into operation July 1, 1850. The new organization provided for a course of seven years, the first two and the last two at the school and the three intermediate years at sea. The school was placed under the supervision of the Bureau of Ordnance and Hydrography and its name was changed to the United States Naval Academy. The corps of professors was enlarged, the course was extended, and the system of separate departments with executive heads was fully adopted. It was provided that a Board of Visitors should make an annual inspection of the academy and report upon its condition to the Secretary of the Navy. A suitable vessel was attached to the academy as a practice ship and the annual practice cruises were begun.

After the system had been in operation a year new changes were proposed and the recommendations of the academic board on the subject were referred to the board of examiners for the year 1851, composed of the following-named officers:

Commodore David Conner.

Capt. Samuel L. Breese

Commander C. K. Stribling.

Commander A. Bigelow.

Commander Franklin Buchanan.

Lieut. Thomas T. Craven.

The change recommended by the board of examiners and adopted by the department consisted mainly in leaving out the requirements of three years of sea service in the middle of the course, thus making the four years of study consecutive. The practice cruise supplied the place of the omitted sea service and gave better opportunities for training. The change went into operation in November, 1851, together with other improvements recommended by the board. This system has been continued, with some slight modifications, to the present time. The first class to receive the benefit of it was that which entered in 1851. Six members of this class completed the course in three years and were graduated in June, 1854; the remainder of the class followed in 1855.

In May, 1861, on the outbreak of the war, the academy was moved to Newport, R. I. The three upper classes were detached and ordered to sea and the remaining acting midshipmen were quartered in the Atlantic House and on board the frigates *Constitution* and *Santee*. In the summer of 1865 the academy was brought back to Annapolis, where it has since remained.

When the Bureau of Navigation was established, July 5, 1862, the academy was placed under its supervision; March 1, 1867, it was placed under the direct care and supervision of the Navy Department, the administrative routine and financial management still being conducted through the bureau. On the 11th of March, 1869, this official connection with the bureau ceased, but was renewed by the general order of the Navy Department issued June 25, 1889.

The term of the academic course was changed by law March 3, 1873, from four to six years. The change took effect with the class that entered in the following summer.

In 1866 a class of acting third assistant engineers was ordered to the academy for instruction. The course embraced the subject of steam engineering mechanism, chemistry, mechanics, and practical exercises with the steam engine and in the machine shop. This class was graduated in June, 1868, together with two cadet engineers who had entered the academy in 1867. After an interval of four years, in October, 1871, a new class of cadet engineers was admitted. This class followed a two years' course, somewhat more extended than that of the class of 1868, and was graduated in 1873. In 1872 and 1873 new classes were admitted, the first of which left the academy in 1874 and the second in 1875. By an act of Congress approved February 24, 1874, the course of instruction for cadet engineers was made four years instead of two; the new provision was first applied to the class entering the academy in the year 1874. This class was graduated in June, 1878.

An act of Congress approved June 23, 1874, provides as follows:

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That in all cases when it shall come to the knowledge of the Superintendent of the Naval Academy, at Annapolis, that any cadet midshipman or cadet engineer has been guilty of the offense commonly known as hazing, it shall be the duty of said superintendent to order a court-martial, composed of not less than three commissioned officers, who shall minutely examine into all the facts and circumstances of the case and make a finding thereon; and any cadet midshipman or cadet engineer found guilty of said offense by said court shall, upon recommendation of said court, be dismissed; and such finding, when approved by said superintendent, shall be final; and the cadet so dismissed from said Naval Academy shall be forever ineligible to reappointment to said Naval Academy."

By an act of Congress approved August 5, 1882, it was provided that from that date "there shall be no appointments of cadet midshipmen or cadet engineers at the Naval Academy, but in lieu thereof naval cadets shall be appointed from each congressional district and at large, as now provided by law for cadet

midshipmen, and all the undergraduates at the Naval Academy shall hereafter be designated and called 'naval cadets,' and from those who successfully complete the six years' course appointments shall hereafter be made as it is necessary to fill vacancies in the lower grades of the Line and Engineer Corps of the Navy and of the Marine Corps: *And provided further*, That no greater number of appointments into these grades shall be made each year than shall equal the number of vacancies which has occurred in the same grades during the preceding year; such appointments to be made from the graduates of the year, at the conclusion of their six years' course, in order of merit, as determined by the academic board of the Naval Academy; the assignment of the various corps to be made by the Secretary of the Navy upon the recommendation of the academic board. But nothing herein contained shall reduce the number of appointments from such graduates below ten in each year, nor deprive of such appointment any graduate who may complete the six years' course during the year eighteen hundred and eighty-two. And if there be a surplus of graduates, those who do not receive such appointment shall be given a certificate of graduation, an honorable discharge, and one year's sea pay, as now provided by law for cadet midshipmen; and so much of section fifteen hundred and twenty-one of the Revised Statutes as is inconsistent herewith is hereby repealed.

"That any cadet whose position in his class entitles him to be retained in the service may, upon his own application, be honorably discharged at the end of four years' course at the Naval Academy, with a proper certificate of graduation."

In 1886 a special course of instruction in physiology and hygiene was established, in accordance with an act of Congress approved May 20 of that year.

The act of Congress approved March 2, 1889, provides that "the academic board of the Naval Academy shall, on or before the thirtieth day of September in each year, separate the first class of naval cadets then commencing their fourth year into two divisions, as they may have shown special aptitude for the duties of the respective corps, in the proportion which the aggregate number of vacancies occurring in the preceding fiscal year ending on the thirtieth day of June in the lowest grade of commissioned officers of the Line of the Navy and Marine Corps of the Navy shall bear to the number of vacancies to be supplied from the academy occurring during the same period in the lowest grade of commissioned officers of the Engineer Corps of the Navy; and the cadets so assigned to the Line and Marine Corps division of the first class shall thereafter pursue a course of study arranged to fit them for service in the Line of the Navy, and the cadets so assigned to the Engineer Corps division of the first class shall thereafter pursue a separate course of study arranged to fit them for service in the Engineer Corps of the Navy, and the cadets shall thereafter, and until final graduation at the end of their six years' course, take rank by merit with those in the same division according to the merit marks; and from the final graduates of the Line and Marine Corps division, at the end of their six years' course, appointments shall be made hereafter as it shall be necessary to fill vacancies in the lowest grades of commissioned officers of the Line of the Navy and Marine Corps; and the vacancies in the lowest grades of the commissioned officers of the Engineer Corps of the Navy shall be filled in like manner by appointments from the final graduates of the engineer division at the end of their six years' course: *Provided*, That no greater number of appointments into the said lowest grades of commissioned officers shall be made each year than shall equal the number of vacancies which shall have occurred in the same grades during the fiscal year then current; such appointments to be made from the final graduates of the year, in the order of merit as determined by the academic board of the Naval Academy, the assignment to be made by the Secretary of the Navy upon the recommendation of the academic board at the conclusion of the fiscal year then current; but nothing contained herein or in the naval appropriation act of August fifth, eighteen hundred and eighty-two,

shall reduce the number of appointments of final graduates at the end of their six years' course below twelve in each year to the Line of the Navy and not less than two shall be appointed annually to the Engineer Corps of the Navy, nor less than one annually to the Marine Corps; and if the number of vacancies in the lowest grades aforesaid occurring in any year shall be greater than the number of final graduates of that year the surplus vacancies shall be filled from the final graduates of the following years as they shall become available.

"That after the fourth day of March, eighteen hundred and eighty-nine, the minimum age of admission of cadets to the academy shall be fifteen years and the maximum age twenty years."

In October, 1897, a postgraduate course in naval architecture for the education of officers for the Construction Corps of the Navy was established; and a class was formed from the naval cadets that had finished the four years' course in that year.

By an act of Congress approved March 3, 1899, "the officers constituting the Engineer Corps of the Navy" were transferred to the "Line of the Navy," thereby repealing so much of the act of Congress approved March 2, 1889, as relates to the separation of naval cadets of the first class into line and engineer divisions.

This same act having limited the number of constructors in the Navy to 40, the postgraduate course in naval architecture was discontinued.

By an act of Congress approved June 7, 1900, it was provided that—

"Whenever any naval cadet shall have finished four years of his undergraduate course of six years the succeeding appointment may be made from his congressional district or at large in accordance with the existing law."

By an act of Congress approved July 1, 1902, it was provided that—

"The title 'naval cadet' is hereby changed to 'midshipman.'"

"That until the year nineteen hundred and fourteen, in addition to the naval cadets now authorized by law (the title having been changed by this act to midshipmen), the President shall appoint five midshipmen, and there shall be appointed from the States at large, upon the recommendation of Senators, two midshipmen for each State."

By an act of Congress approved March 3, 1903, it was provided that—

"There shall be allowed at the Naval Academy two midshipmen for each Senator, Representative, and Delegate in Congress, two for the District of Columbia, and five each year at large: *Provided*, That the additional congressional appointments authorized by this act shall be made at such time as may be determined by the Secretary of the Navy, who shall equitably distribute the increase among the several States, Districts, and Territories, so that ultimately, if practicable, each Senator, Representative, and Delegate may recommend for appointment during each Congress one midshipman: *Provided further*, That Members of the Fifty-seventh Congress who will not be Members of the Fifty-eighth Congress, and in whose districts or States appointments have not been made or vacancies filled in the Fifty-seventh Congress, may immediately upon the passage of this act make the additional appointments herein provided for.

"The Secretary of the Navy shall, as soon as practicable after the fifth day of March in each year, notify in writing each Senator, Representative, and Delegate in Congress of any vacancy which may be regarded as existing in the State, District, or Territory which he represents, and the nomination of a candidate to fill such vacancy shall be made upon the recommendation of the Senator, Representative, or Delegate. Such recommendations shall be made by the first day of June of that year, and if not so made the Secretary of the Navy shall fill the vacancy by the appointment of an actual resident of the State, District, or Territory in which the vacancy exists, who shall have been for at least two years immediately preceding his appointment an actual bona fide resident of the State,

District, or Territory in which the vacancy exists and shall have the qualifications otherwise prescribed by law: *And provided further*, That the Superintendent of the Naval Academy shall make such rules, to be approved by the Secretary of the Navy, as will effectually prevent the practice of hazing; and any cadet found guilty of participating in or encouraging or countenancing such practice shall be summarily expelled from the academy, and shall not thereafter be reappointed to the Corps of Cadets or be eligible for appointment as a commissioned officer in the Army or Navy or Marine Corps until two years after the graduation of the class of which he was a member.

"That the provision of this act for the increase of appointments of midshipmen to the Naval Academy shall continue in force until the thirtieth day of June, nineteen hundred and thirteen; and thereafter one midshipman, as now provided by law, shall be appointed for each Senator, Representative, and Delegate in Congress.

"That hereafter there shall be at the Naval Academy one midshipman from Porto Rico, who shall be a native of said island, and whose appointment shall be made by the President on the recommendation of the Governor of Porto Rico.

"That after January first, nineteen hundred and four, all candidates for admission to the Naval Academy at the time of their examination must be between the ages of sixteen and twenty years."

"All candidates for admission into the academy shall be examined according to such regulations and at such stated times as the Secretary of the Navy may prescribe. Candidates rejected at such examination shall not have the privilege of another examination for admission to the same class, unless recommended by the board of examiners." (R. S. sec. 1515.)

"When any candidate who has been nominated upon the recommendation of a Member or Delegate of the House of Representatives is found, upon examination, to be physically or mentally disqualified for admission, the Member or Delegate shall be notified to recommend another candidate, who shall be examined according to the provisions of the preceding section." (R. S. sec. 1516.)

An act of Congress approved April 9, 1906, reads as follows:

"AN ACT Granting authority to the Secretary of the Navy, in his discretion, to dismiss midshipmen from the United States Naval Academy and regulating the procedure and punishment in trials for hazing at the said academy

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That it shall be the duty of the Superintendent of the United States Naval Academy, whenever he shall believe the continued presence of any midshipman at the said academy to be contrary to the best interests of the service, to report in writing such fact, with a full statement of the facts upon which are based his reasons for such belief, to the Secretary of the Navy, who, if after due consideration of the said report he shall deem the superintendent's said belief reasonable and well founded, shall cause a copy of the said report to be served upon the said midshipman and require the said midshipman to show cause in writing and within such time as the said Secretary shall deem reasonable, why he should not be dismissed from the said academy; and after due consideration of any cause so shown the said Secretary may, in his discretion, but with the written approval of the President, dismiss such midshipman from the said academy. And the truth of any issue of fact so raised, except upon the record of demerit, shall be determined by a board of inquiry convened by the Secretary of the Navy under the rules and regulations for the government of the Navy.

"SEC. 2. That so much of the acts approved June twenty-third eighteen hundred and seventy-four, and March third, nineteen hundred and three, as requires the Superintendent of the United States Naval Academy to convene a

court-martial in all cases when it shall come to the knowledge of the said superintendent that any midshipman has been guilty of the offense commonly known as 'hazing,' and declares the finding of a court-martial so convened, when approved by the said superintendent, final, and directs that any midshipman found guilty by such court-martial shall be summarily dismissed from the said academy, and also all other acts or parts of acts inconsistent with the present act, are hereby repealed, and that the offense known as 'hazing' may hereafter be proceeded against, dealt with, and punished as offenses against good order and discipline and for violation and breaches of the rules of said academy. But no midshipman shall be dismissed for a single act of hazing except under the provisions of section three of this act.

"SEC. 3. That the Superintendent of the United States Naval Academy may, in his discretion, and with the approval of the Secretary of the Navy, cause any midshipman in the said academy to be tried by court-martial for the offense of hazing, as provided by the act approved June twenty-third, eighteen hundred and seventy-four, and such court-martial, upon conviction, may sentence such midshipman to any punishment authorized by the said act or by the act approved March third, nineteen hundred and three, or authorized for any violation or breach of the rules of the said academy by the said rules, or in cases of brutal or cruel hazing, may, in addition to dismissal, sentence such midshipman to imprisonment for a period not exceeding one year: *Provided*, That such midshipman shall not be confined in a military or naval prison or elsewhere with men who have been convicted of crimes or misdemeanors; and such finding and sentence shall be subject to review by the convening authority and by the Secretary of the Navy, as in the cases of other courts-martial.

"SEC. 4. That the offense of 'hazing,' as mentioned in this act, shall consist of any unauthorized assumption of authority by one midshipman over another midshipman whereby the last-mentioned midshipman shall or may suffer or be exposed to suffer any cruelty, indignity, humiliation, hardship, or oppression, or the deprivation or abridgment of any right, privilege, or advantage to which he shall be legally entitled.

"SEC. 5. That it shall be the duty of every professor, assistant professor, academic officer, or any cadet officer or cadet petty officer, or instructor, as well as every other officer stationed at the United States Naval Academy, to promptly report to the superintendent thereof any fact which comes to his attention tending to indicate any violation by a midshipman or midshipmen of any of the provisions of this act or any violation of the regulations of the said academy. Any naval officer attached to the academy who shall fail to make such report as provided in this section shall be tried by court-martial for neglect of duty, and, if convicted, he shall be dismissed from the service. Any civilian instructor attached to the academy who shall fail to make such report as provided in this section shall be dismissed by the superintendent of the academy upon the approval of the Secretary of the Navy.

"SEC. 6. That this act shall take effect from the date of its approval, but no midshipman now connected with the United States Naval Academy shall, by reason of its enactment, be punished for any offense heretofore committed otherwise than in pursuance of the sentence of a court-martial if by existing law such sentence would be now necessary for such punishment or punished more severely than is now by law allowed for any offense heretofore committed: *Provided*, That any midshipman now in said Naval Academy may waive his right to trial by court-martial under existing law for any offense of hazing heretofore committed and may accept punishment under the provisions of section two of this act."

By an act of Congress, June 29, 1906, it was provided that—

"Hereafter, the Secretary of the Navy shall, as soon as possible after the first day of June of each year preceding the graduation of the midshipmen on the succeeding year, notify in writing each Senator, Representative, and Delegate in Congress of any vacancy that will exist at the Naval Academy because of such graduation, or that may occur for other reasons, and which he shall be entitled to fill by nomination of a candidate and one or more alternates therefor. The nomination of a candidate and alternate or alternates to fill said vacancy shall be made upon the recommendation of the Senator, Representative, or Delegate, if such recommendation is made by the fourth day of March of the year following that in which said notice in writing is given, but if it is not made by that time the Secretary of the Navy shall fill the vacancy by appointment of an actual resident of the State, congressional district, or Territory, as the case may be, in which the vacancy will exist, who shall have been for at least two years immediately preceding the date of his appointment an actual and bona fide resident of the State, congressional district, or Territory in which the vacancy will exist, and of legal qualification under the law as now provided. In cases where by reason of a vacancy in the membership of the Senate or House of Representatives or by the death or declination of a candidate for admission to the academy there occurs or is about to occur at the academy a vacancy from any State, district, or Territory that can not be filled by nomination as herein provided, the same may be filled as soon thereafter and before the final entrance examination for the year as the Secretary of the Navy may determine. The candidates allowed for the District of Columbia and all candidates appointed at large, together with alternates therefor, shall be selected by the President within the period herein prescribed for nomination of other candidates: *Provided*, That the President may select a candidate for the District of Columbia for the year nineteen hundred and eight.

"No person shall be admitted for instruction at the Naval Academy at Annapolis from any foreign country except upon authority of law hereafter enacted."

By an act of Congress approved March 7, 1912, it was provided—

"That the course at the Naval Academy shall be four years, and midshipmen on graduation shall be commissioned ensigns: *Provided*, That midshipmen now performing two years' service at sea in accordance with existing law shall be commissioned forthwith as ensigns from the date of the passage of this act: *And provided*, That those midshipmen of the class which was graduated in nineteen hundred and nine, who have completed two years' service afloat, and who are due for promotion, shall be commissioned ensigns to take rank with the other members of their class, according to their standing as determined by their final multiples, respectively, for the six years' course, from the fifth day of June, nineteen hundred and eleven, the date of rank to which they were entitled prior to the passage of this act: *And provided further*, That no back pay or allowances shall result by reason of the passage of this act."

The class graduating from the Naval Academy June, 1912, was the first class to be graduated as ensigns.

By an act of Congress approved July 9, 1913, it was provided—

"That after June thirtieth, nineteen hundred and thirteen, and until June thirtieth, nineteen hundred and nineteen, there shall be allowed at the Naval Academy two midshipmen for each Senator, Representative, and Delegate in Congress, one for Porto Rico, two for the District of Columbia, and ten appointed each year at large: *Provided*, That the midshipmen on graduation shall be commissioned ensigns in the Navy or may be assigned by the Secretary of the Navy to fill vacancies in the lowest commissioned grades of the Marine Corps or Staff Corps of the Navy."

By an act of Congress passed June 30, 1914, it was provided—

"Hereafter, in addition to the appointments of midshipmen to the United States Naval Academy as now prescribed by law, the Secretary of the Navy is allowed fifteen appointments annually from the enlisted men of the Navy who are citizens of the United States and not more than twenty years of age on the date of entrance to the Naval Academy, and who shall have served not less than one year as enlisted men on the date of entrance: *Provided*, That such appointments shall be made in the order of merit from candidates who have in competition with each other passed the mental examination now or hereafter required by law for entrance to the Naval Academy, and who passed the physical examination required before entrance under existing law."

An act of Congress approved February 15, 1916, reads as follows:

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That hereafter there shall be allowed at the United States Naval Academy three midshipmen for each Senator, Representative, and Delegate in Congress, one for Porto Rico, two for the District of Columbia, ten appointed each year at large, and fifteen appointed annually from enlisted men of the Navy, as now authorized by law.

"SEC. 2. That all acts or parts of acts inconsistent with the provisions of this act are hereby repealed."

Public Resolution, No. 7, Sixty-fourth Congress, approved February 15, 1916, provides as follows:

"Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Navy be, and he hereby is, authorized to permit Mr. Carlos Hevia y Reyes Gavilan, a citizen of Cuba, to receive instruction at the United States Naval Academy at Annapolis: *Provided*, That no expense shall be caused to the United States thereby, and that the said Carlos Hevia y Reyes Gavilan shall agree to comply with all regulations for the police and discipline of the academy, to be studious, and to give his utmost efforts to accomplish the course in the various departments of instruction, and that the said Carlos Hevia y Reyes Gavilan shall not be admitted to the academy until he shall have passed the mental and physical examinations prescribed for candidates from the United States, and that he shall be immediately withdrawn if deficient in studies, or conduct, and so recommended by the academic board."

An act of Congress approved August 29, 1916, provides as follows:

"Hereafter, in addition to the appointment of midshipmen to the United States Naval Academy, as now prescribed by law, the President is hereby allowed fifteen appointments annually instead of ten as now prescribed by law, and the Secretary of the Navy is allowed twenty-five appointments annually instead of fifteen as now prescribed by law, the latter to be appointed from the enlisted men of the Navy who are citizens of the United States, and not more than twenty years of age on the date of entrance to the Naval Academy, and who shall have served not less than one year as enlisted men on the date of entrance: *Provided*, That such appointments shall be made in the order of merit from candidates who have in competition with each other passed the mental examination now or hereafter required by law for entrance to the Naval Academy and who passed the physical examinations required before entrance under existing laws.

"That hereafter the Secretary of the Navy is authorized to permit not exceeding four Filipinos, to be designated, one for each class, by the Governor General of the Philippine Islands, to receive instruction at the United States Naval Academy at Annapolis, Maryland: *Provided*, That the Filipinos undergoing instruction, as herein authorized, shall receive the same pay, allowances, and emoluments, to be paid out of the same appropriations, and shall be subject to

the same rules and regulations governing admission, attendance, discipline, resignation, discharge, dismissal, and graduation as are authorized by law and regulation for midshipmen appointed from the United States, but the Filipino midshipmen herein authorized shall not be entitled to appointment to any commissioned office in the United States Navy by reason of their graduation from the Naval Academy.

"Provided further, That no midshipman at the United States Naval Academy or cadet at the United States Military Academy who fails to graduate therefrom shall be eligible for appointment as a commissioned officer in the Marine Corps until after the graduation of the class of which he was a member."

An act of Congress approved March 4, 1917, provides as follows:

"Hereafter, in addition to the appointment of midshipmen to the United States Naval Academy, as now prescribed by law, the Secretary of the Navy is allowed one hundred appointments annually instead of twenty-five as now prescribed by law, to be appointed from the enlisted men of the Navy who are citizens of the United States, and not more than twenty years of age on the date of entrance to the Naval Academy, and who shall have served not less than one year as enlisted men on the date of entrance: *Provided,* That such appointments shall be made in the order of merit from candidates who have, in competition with each other, passed the mental examination now or hereafter required by law for entrance to the Naval Academy, and who passed the physical examination before entrance under existing laws.

"The President, in his discretion, is authorized to reduce the course of instruction at the Naval Academy from four to three years for a period of two years from the date of the approval of this act, and may during said two years graduate classes which have completed a three-year course."

An act of Congress approved April 25, 1917, reads as follows:

"AN ACT To increase the number of midshipmen at the Naval Academy until September first, nineteen hundred and eighteen

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That, in addition to the number of midshipmen now authorized by law, there shall be appointed during the period from the date of passage of this act until September first, nineteen hundred and eighteen, one additional midshipman for each Senator, Representative, and Delegate in Congress. Nominations shall be made for these vacancies by the Senators, Representatives, and Delegates concerned for any regular or special examination that may be ordered before that date."

An act of Congress approved December 20, 1917, reads as follows:

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That hereafter there shall be allowed at the United States Naval Academy five midshipmen for each Senator, Representative, and Delegate in Congress, one for Porto Rico, two for the District of Columbia, fifteen appointed each year at large, and one hundred appointed annually from enlisted men of the Navy, as now authorized by law.

"SEC. 2. That all acts or parts of acts inconsistent with the provisions of this act are hereby repealed."

An act of Congress approved April 2, 1918, reads as follows:

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the President be, and he is hereby, authorized, until August first, nineteen hundred and twenty-one, to reduce, in his discretion, the course of instruction at the United States Naval Academy from four to three years and to graduate classes which have completed such reduced courses of instruction."

The following classes were graduated in accordance with the act of Congress of April 2, 1918, authorizing a reduction in the course:

Class	Date graduated	Members graduated
1917-----	Mar. 29, 1917	182
1918-----	June 28, 1917	199
1919-----	June 6, 1918	199
1920-----	June 6, 1919	460
1921 (first half)-----	June 3, 1920	286

On June 6, 1919, the class of 1921 was divided, and the first half, according to general merit for the third-class year, became the first class and continued the three years' course; the second half became the second class and resumed the four years' course.

An act of Congress approved May 14, 1918, reads as follows:

"AN ACT To fix the age limits for candidates for admission to the United States Naval Academy

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That hereafter all candidates for admission to the Naval Academy must be not less than sixteen years of age nor more than twenty years of age on April first of the calendar year in which they enter the academy: *Provided,* That the foregoing shall not apply to candidates for midshipmen designated for entrance to the academy in nineteen hundred and eighteen."

An act of Congress approved July 11, 1919, reads as follows:

"Section 1 of the act entitled 'An act to increase the number of midshipmen at the United States Naval Academy,' approved December 20, 1917, is hereby amended so as to read as follows: That hereafter there shall be allowed at the United States Naval Academy five midshipmen for each Senator, Representative, Delegate in Congress, and Resident Commissioner from Porto Rico, and five for the District of Columbia, fifteen appointed each year at large, and one hundred appointed annually from enlisted men of the Navy, and members of the Naval Reserve Force on active duty, as now authorized by law."

This act also provides that all midshipmen entering the Naval Academy subsequent to June 1, 1919, shall be allowed mileage, at 5 cents per mile, while proceeding from their homes to the Naval Academy for examination and appointment as midshipmen, and that the pay of midshipmen shall hereafter be \$780 per annum.

The following clause was contained in the deficiency act approved June 5, 1920:

"That until otherwise provided by law no midshipman found deficient at the close of the last and succeeding academic terms shall be involuntarily discontinued at the Naval Academy or in the service unless he shall fail upon reexamination in the subjects in which found deficient at an examination to be held at the beginning of the next and succeeding academic terms, and the Secretary of the Navy shall provide for the special instruction of such midshipmen in the subjects in which found deficient during the period between academic terms."

A clause in the naval appropriation bill, act of July 12, 1921, provides that a candidate for midshipman so desiring may receive a credit of \$250 upon entrance toward defraying the entering expenses.

INSTRUCTIONS TO CANDIDATES FOR MIDSHIPMEN REGARDING ENTRANCE DEPOSIT

Each candidate who has qualified mentally and physically must, before being admitted as a midshipman, deposit with the midshipmen's storekeeper the sum of \$100, to be used in part payment to cover cost of uniforms, clothing, textbooks, etc. The amount deposited is not refunded but is expended for clothing and textbooks, which become the property of the midshipman.

An act of Congress approved July 12, 1921, reads as follows: "*Provided, That hereafter each new midshipman shall, upon admission to the Naval Academy, be credited with the sum of \$250 to cover the cost of his initial clothing and equipment issue, to be deducted subsequently from his pay: Provided further, That the foregoing proviso shall apply to midshipmen who enter the Naval Academy during the period between June 20, 1921, and the date of the approval of this act.*" This sum is needed in addition to the \$100 cash deposit referred to above to complete paying for the uniforms, clothing, textbooks, etc., required before a midshipman enters upon his studies. This amount is deducted from the midshipman's pay in monthly installments. Any midshipman may, however, immediately after entering the academy repay this amount in full from his own funds and thus obviate the necessity of having a certain amount deducted monthly from his pay for this purpose. It is urgently recommended that all those midshipmen financially able to do so make the repayment as soon as possible after entering the academy.

An act providing for the readmission of certain deficient midshipmen to the United States Naval Academy, approved October 22, 1921, reads as follows:

"*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Navy is authorized, upon application, to admit to and reinstate in the United States Naval Academy, subject to examination as to physical qualifications, as provided by law, but waiving the provisions of law as to age requirements, all former midshipmen at the United States Naval Academy found deficient at the end of the first term of the academic year 1920-21 whose resignations were asked for and received by the Superintendent of the Naval Academy: Provided, That they shall upon admission be placed in the class one year behind their former class in each case: Provided further, That said midshipmen affected by this act must signify their acceptance of the benefits thereof by presenting themselves for physical examination within one month of the date of its approval, and if found qualified will enter the Naval Academy immediately.*"

"SEC. 2. That the clause in the act approved June 5, 1920 (Forty-first Statutes p. 1028), entitled 'An act making appropriations to supply deficiencies in appropriations for the fiscal year ending June 30, 1920, and for other purposes,' which reads as follows: 'That until otherwise provided by law no midshipman found deficient at the close of the last and succeeding academic terms shall be involuntarily discontinued at the Naval Academy or in the service unless he shall fail upon reexamination in the subjects in which found deficient at an examination to be held at the beginning of the next and succeeding academic terms, and the Secretary of the Navy shall provide for the special instruction of such midshipmen in the subjects in which found deficient during the period between academic terms,' be, and the same hereby is, repealed, and section 1519 of the Revised Statutes restored to its full force and effect."

Public Resolution No. 72, Sixty-seventh Congress, approved September 18, 1922, provides as follows:

"*Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Navy be, and hereby is, authorized to permit Mr. Willem van Doorn, a subject of the Netherlands, to receive instruction at the United States Naval Academy at Annapolis: Provided,*

That no expense shall be caused to the United States thereby, and that the said Willem van Doorn shall agree to comply with all regulations for the police and discipline of the academy, to be studious, and to give his utmost efforts to accomplish the course in the various departments of instruction, and that the said Willem van Doorn shall not be admitted to the academy until he shall have passed the mental and physical examinations prescribed for candidates from the United States, and that he shall be immediately withdrawn if deficient in studies or conduct and so recommended by the academic board."

An act of Congress approved January 22, 1923, reads as follows:

"That no part of this appropriation shall be available for the pay of any midshipmen whose admission, subsequent to the class entering the Naval Academy next after the approval of this act, would result in exceeding at any time an allowance of three midshipmen for each Senator, Representative, and Delegate in Congress; of one midshipman for Porto Rico, a native of the island, appointed on nomination of the governor, and of one midshipman from Porto Rico, appointed on the nomination of the Resident Commissioner; and of two midshipmen for the District of Columbia: *Provided further*, That nothing herein shall be construed to repeal or modify in any way existing laws relative to the appointment of midshipmen at large or from the enlisted personnel of the naval service."

An act of Congress approved May 28, 1924, reads as follows:

"That no part of this appropriation shall be available for the pay of any midshipmen whose admission subsequent to February 9, 1924, would result in exceeding at any time an allowance of three midshipmen for each Senator, Representative, and Delegate in Congress; of one midshipman for Porto Rico, a native of the island, appointed on nomination of the governor, and of two midshipmen from Porto Rico appointed on nomination of the Resident Commissioner; and of two midshipmen for the District of Columbia: *Provided further*, That nothing herein shall be construed to repeal or modify in any way existing laws relative to the appointment of midshipmen at large or from the enlisted personnel of the naval service."

An act of Congress approved February 11, 1925, reads as follows:

"That no part of this appropriation shall be available for the pay of any midshipmen whose admission subsequent to December 13, 1924, would result in exceeding at any time an allowance of three midshipmen for each Senator, Representative, and Delegate in Congress; of one midshipman for Porto Rico, a native of the island, appointed on nomination of the governor, and of two midshipmen from Porto Rico, appointed on nomination of the Resident Commissioner; and of two midshipmen for the District of Columbia: *Provided further*, That nothing herein shall be construed to repeal or modify in any way existing laws relative to the appointment of midshipmen at large or from the enlisted personnel of the naval service."

An act of Congress approved February 28, 1925, reads as follows:

"That hereafter the Secretary of the Navy is authorized to appoint midshipmen to the Naval Academy from the enlisted men of the Naval Reserve and Marine Corps Reserve under similar conditions as prescribed by law for appointments from enlisted men of the Navy: *Provided*, That not more than twenty-five midshipmen shall be appointed in any one year under the authority contained in this section." (Sec. 8, Public No. 512—H. R. 9634.)

An act of Congress approved May 21, 1926, reads as follows:

"That no part of this appropriation shall be available for the pay of any midshipmen whose admission subsequent to January 13, 1926, would result in exceeding at any time an allowance of three midshipmen for each Senator, Representative, and Delegate in Congress; of one midshipman for Porto Rico, a native of the island, appointed on nomination of the governor, and of three

midshipmen from Porto Rico, appointed on nomination of the Resident Commissioner; and of two midshipmen for the District of Columbia: *Provided further*, That nothing herein shall be construed to repeal or modify in any way existing laws relative to the appointment of midshipmen at large from the enlisted personnel of the naval service or from the Naval Reserve: *And provided further*, That in computing for any purpose the length of service of any officer of the Navy, of the Marine Corps, of the Coast Guard, of the Coast and Geodetic Survey, or of the Public Health Service, who was appointed to the United States Naval Academy or to the United States Military Academy after March 4, 1913, the time spent at either academy shall not be counted."

An act of Congress approved June 8, 1926, reads as follows:

"That the number of cadets now authorized by law at the United States Military Academy, and the number of midshipmen now authorized by law at the United States Naval Academy, are each hereby increased by forty from the United States at large, to be appointed by the President from among the sons of officers, soldiers, sailors, and marines of the Army, Navy, and Marine Corps of the United States who were killed in action or died prior to July 2, 1921, of wounds or injuries received or disease contracted in line of duty during the World War: *Provided*, That one-half shall be appointed from among the sons of officers, and one-half from among the sons of warrant officers, soldiers, sailors, and marines of the Army, Navy, and Marine Corps." (Public Act 348.)

An act of Congress approved February 26, 1927, reads as follows:

"That the act entitled 'An act to fix the age limits for candidates for admission to the United States Naval Academy,' approved May 14, 1918, be amended by the addition of the following proviso: '*Provided further*, That the foregoing shall not be held to exclude the admission of a candidate the twentieth anniversary of whose birth occurs on the 1st day of April of the calendar year in which he shall enter.'"

An act of Congress approved May 21, 1928, reads as follows:

"That no part of this appropriation shall be available for the pay of any midshipmen whose admission subsequent to March 21, 1928, would result in exceeding at any time an allowance of four midshipmen for each Senator, Representative, and Delegate in Congress; of one midshipman for Porto Rico, a native of the island, appointed on nomination of the governor, and of four midshipmen from Porto Rico, appointed on nomination of the Resident Commissioner; and of two midshipmen for the District of Columbia: *Provided further*, That nothing herein shall be construed to repeal or modify in any way existing laws relative to the appointment of midshipmen at large, from the enlisted personnel of the naval service, or from the Naval Reserve."

An act of Congress approved May 28, 1928, reads as follows:

"*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled*, That hereafter there shall be allowed at the United States Naval Academy, in addition to those allowed by existing law, midshipmen appointed at large by the Vice President of the United States, equivalent in number to those allowed for each United States Senator."

An act of Congress approved June 8, 1928, reads as follows:

"*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled*, That the Secretary of the Navy is authorized and directed to reinstate Larry Cardwell in the United States Naval Academy, of which he was a midshipman at the time of his discharge on November 19, 1926; the said Larry Cardwell to become a member of the class of 1930 on the date of reinstatement, and to be accorded all rights, privileges, and benefits to which he would have been entitled had he not been so discharged."

An act of Congress approved February 28, 1931, reads as follows:

"That the appropriation 'Pay, subsistence, and transportation, Navy, 1931,' shall be available for the pay and allowances of all officers commissioned in accordance with law, and shall be available to pay one year's sea pay to surplus graduates of the Naval Academy, as provided by law: *Provided further*, That the President of the United States, by and with the advice and consent of the Senate, is hereby authorized to appoint as ensigns in the line of the Navy all midshipmen who graduate from the Naval Academy in the year 1931, but if the number so commissioned should exceed the total number of officers of the line of the Navy authorized by existing law, the excess shall be carried in the grade of ensign: * * * *Provided further*, That no part of this appropriation shall be available for the pay of any midshipmen whose admission subsequent to January 30, 1931, would result in exceeding at any time an allowance of three midshipmen for each Senator, Representative, and Delegate in Congress; of one midshipman for Porto Rico, a native of the island, appointed on nomination of the governor, and of three midshipmen from Porto Rico, appointed on nomination of the Resident Commissioner; and of two midshipmen for the District of Columbia, except that nothing herein shall deny pay to or prevent the admission of any midshipman admissible within the number of appointments permissible under the provisions of the naval appropriation act for the fiscal year 1931 who may enter the Naval Academy in the class entering next after the approval of this act: *Provided further*, That nothing herein shall be construed to repeal or modify in any way existing laws relative to the appointment of midshipmen at large, from the enlisted personnel of the naval service, or from the Naval Reserve: *Provided further*, That no part of this appropriation shall be available for the pay of any midshipman appointed from enlisted men of the Navy for admission to the Naval Academy in the class entering in the calendar year 1932 who has not served aboard a vessel of the Navy in full commission for at least nine months prior to such admission."

SUPERINTENDENTS OF THE UNITED STATES NAVAL ACADEMY

	Assumed command
Commander Franklin Buchanan.....	Sept. 3, 1845
Commander George P. Upshur.....	Mar. 15, 1847
Commander Cornelius K. Stribling.....	July 1, 1850
Commander Louis M. Goldsborough.....	Nov. 1, 1853
Capt. George S. Blake.....	Sept. 15, 1857
Rear Admiral David D. Porter.....	Sept. 9, 1865
Commodore John L. Worden.....	Dec. 1, 1869
Rear Admiral Christopher R. P. Rodgers.....	Sept. 22, 1874
Commodore Foxhall A. Parker.....	July 1, 1878
Rear Admiral George P. Balch.....	Aug. 2, 1879
Rear Admiral Christopher R. P. Rodgers.....	June 13, 1881
Capt. Francis M. Ramsay.....	Nov. 14, 1881
Commander William T. Sampson.....	Sept. 9, 1886
Capt. Robert L. Phythian.....	June 13, 1890
Capt. Philip H. Cooper.....	Nov. 15, 1894
Rear Admiral Frederick V. McNair.....	July 15, 1898
Commander Richard Wainwright.....	Mar. 15, 1900
Capt. Willard H. Brownson.....	Nov. 6, 1902
Rear Admiral James H. Sands.....	July 1, 1905
Capt. Charles J. Badger.....	July 15, 1907
Capt. John M. Bowyer.....	June 10, 1909
Capt. John H. Gibbons.....	May 15, 1911
Capt. William F. Fullam.....	Feb. 7, 1914
Capt. Edward W. Eberle.....	Sept. 20, 1915
Capt. Archibald H. Scales.....	Feb. 12, 1919
Rear Admiral Henry B. Wilson.....	July 5, 1921
Rear Admiral Louis M. Nulton.....	Feb. 23, 1925
Rear Admiral Samuel S. Robison.....	June 16, 1928
Rear Admiral Thomas C. Hart.....	May 1, 1931

BOARD OF VISITORS

BY THE PRESIDENT

Dr. James Rowland Angell.¹
Mr. Fordyce T. Blake.
Mr. Ashmun N. Brown.
Rear Admiral Hutch I. Cone, U. S. N.
(retired).

Mr. David Stewart Hoxie Howard.
Mr. Franklin F. Russell.
Mr. Everit Jay Sadler.

BY THE VICE PRESIDENT

Senator Frederick Hale.²
Senator Park Trammell.
Senator David I. Walsh.

Senator Hamilton F. Kean.
Senator James J. Davis.

BY THE SPEAKER OF THE HOUSE

Representative Fred A. Britten.²
Representative Allen T. Treadway.
Representative Patrick H. Drewry.²

Representative Cyrenus Cole.
Representative George N. Seger.
Representative Stephen W. Gambrill.

Commander Walden L. Ainsworth, United States Navy, Secretary to Board of Visitors

¹ Chairman.

² Were not present.

ACADEMIC CALENDAR, 1931-32

1931

September 25----- Beginning of first term----- Friday.

1932

February 1-----	Beginning of second term-----	Monday.
February 17-----	Examination of candidates-----	Wednesday.
April 20-----	Examination of candidates-----	Wednesday.
May 27-----	End of academic year-----	Friday.
May 28 to June 2	Graduation week-----	Saturday to Thursday.
June 2-----	Graduation day-----	Thursday.
June 3-----	Beginning of summer term-----	Friday.
September 22-----	End of summer term-----	Thursday.
September 23-----	Beginning of academic year 1932-33--	Friday.

The academic months for 1931-32 will end as follows:

FIRST TERM		SECOND TERM
October-----	October 24.	February----- February 27.
November-----	November 21.	March----- March 26.
December-----	December 23.	April----- April 23.
January-----	January 30.	May----- May 27.

Holidays:

Thanksgiving, Thursday, November 26, 1931.
 Christmas holiday, December 23, 1931, to January 3, 1932.
 Washington's Birthday, Monday, February 22, 1932.
 Decoration Day, Monday, May 30, 1932.

Lent:

Ash Wednesday, February 10.
 Good Friday, March 25.
 Easter Sunday, March 27.

Meeting of Board of Visitors, April 25-28 (inclusive).

CALENDAR FOR 1931 AND 1932

BOLD FIGURES DENOTE END OF ACADEMIC MONTH

SEPTEMBER							APRIL						
Su	M	T	W	T	F	S	Su	M	T	W	T	F	S
6	7	1	2	3	4	5	3	4	5	6	7	1	2
13	14	8	9	10	11	12	10	11	12	13	14	8	9
20	21	15	16	17	18	19	17	18	19	20	21	15	16
27	28	22	23	24	25	26	24	25	26	27	28	22	23
		29	30									29	30
OCTOBER							MAY						
4	5	6	7	1	2	3	1	2	3	4	5	6	7
11	12	13	14	8	9	10	8	9	10	11	12	13	14
18	19	20	21	15	16	17	15	16	17	18	19	20	21
25	26	27	28	22	23	24	22	23	24	25	26	27	28
				29	30	31	29	30	31				
NOVEMBER							JUNE						
1	2	3	4	5	6	7	5	6	7	1	2	3	4
8	9	10	11	12	13	14	12	13	14	15	16	17	18
15	16	17	18	19	20	21	19	20	21	22	23	24	25
22	23	24	25	26	27	28	26	27	28	29	30		
29	30												
DECEMBER							JULY						
6	7	1	2	3	4	5	3	4	5	6	7	1	2
13	14	8	9	10	11	12	10	11	12	13	14	8	9
20	21	15	16	17	18	19	17	18	19	20	21	15	16
27	28	22	23	24	25	26	24	25	26	27	28	22	23
		29	30	31			31					29	30
JANUARY							AUGUST						
3	4	5	6	7	1	2	7	1	2	3	4	5	6
10	11	12	13	14	15	16	14	8	9	10	11	12	13
17	18	19	20	21	22	23	21	15	16	17	18	19	20
24	25	26	27	28	29	30	28	22	23	24	25	26	27
31								29	30	31			
FEBRUARY							SEPTEMBER						
7	1	2	3	4	5	6	4	5	6	7	1	2	3
14	8	9	10	11	12	13	11	12	13	14	15	16	17
21	15	16	17	18	19	20	18	19	20	21	22	23	24
28	22	23	24	25	26	27	25	26	27	28	29	30	
	29												
MARCH							OCTOBER						
6	7	1	2	3	4	5	2	3	4	5	6	7	1
13	14	8	9	10	11	12	9	10	11	12	13	14	8
20	21	15	16	17	18	19	16	17	18	19	20	21	22
27	28	22	23	24	25	26	23	24	25	26	27	28	29
		29	30	31			30	31					

DEPARTMENTAL ASSIGNMENTS OF OFFICERS AND CIVILIAN INSTRUCTORS ATTACHED TO THE UNITED STATES NAVAL ACADEMY, 1931-32

ADMINISTRATION

Rear Admiral Thomas C. Hart, *Superintendent.*
 Commander George L. Weyler, *Aide for Academic Activities.*
 Lieut. Commander Lynde D. McCormick, *Aide.*
 Mr. Peter H. Magruder, *Secretary, Naval Academy.*

BUILDINGS AND GROUNDS

Capt. Turner F. Caldwell, *Aide, In Charge of Buildings and Grounds.*
 Lieut. Commander Robert D. Kirkpatrick, *Assistant to Aide in Charge of Buildings and Grounds.*
 Lieut. Commander Hugo C. Fischer (C. E. C.), *Assistant to Aide in Charge of Buildings and Grounds.*

EXECUTIVE DEPARTMENT

Capt. Henry D. Cooke, <i>Commandant of Midshipmen.</i>	Lieut. (J. G.) Joseph A. Callaghan.
Commander William W. Smith.	Lieut. (J. G.) William S. Hays.
Commander Henry G. Cooper, jr.	Capt. Roland W. Schumann (S. C.), <i>Midshipmen's Commissary Officer.</i>
Commander Harry W. Hill.	Capt. David G. McRitchie (S. C.), <i>Midshipmen's Storekeeper and Pay Officer.</i>
Commander Thomas S. King, 2d.	Lieut. Robert R. Thompson (S. C.), <i>Assistant to Midshipmen's Commissary Officer.</i>
Commander George J. McMillin.	Lieut. Albert W. Eldred (S. C.), <i>Assistant to Midshipmen's Commissary Officer.</i>
Lieut. Commander Davis De Treville.	Lieut. William H. Phillips (S. C.), <i>in Charge of Navy Commissary Store.</i>
Lieut. Commander William G. Greenman.	Chief Pay Clerk Claude W. Hamilton, <i>Navy Commissary Store.</i>
Lieut. Commander Archie E. Glann.	Asst. Prof. Joseph W. Crosley.
Lieut. George M. O'Rear.	
Lieut. Robert Bolton, jr.	
Lieut. Robert Holmes Smith.	
Lieut. William A. Swanston.	
Lieut. Richard H. Cruzen.	
Lieut. James H. Thach, jr.	
Lieut. (J. G.) Winston P. Folk.	

DEPARTMENT OF SEAMANSHIP AND FLIGHT TACTICS

Commander Lemuel M. Stevens.	Lieut. Walter C. Russell, jr.
Commander Freeland A. Daubin.	Lieut. Karl G. Hensel.
Commander Alfred S. Wolfe.	Lieut. (J. G.) Sumner K. MacLean.
Commander Robert M. Hineckley.	Lieut. (J. G.) Herman Sall.
Lieut. Commander Hiester Hoogewerff.	Lieut. (J. G.) Roy W. Lajeunesse.
Lieut. Commander Laurance T. Du Bose.	Lieut. (J. G.) William V. Deutermann.
Lieut. Commander Herbert J. Grassie.	Lieut. (J. G.) Wilfred E. Lankenau.
Lieut. Commander Pal L. Meadows.	Lieut. (J. G.) James C. Landstreet.
Lieut. James D. Lowry, jr.	Lieut. (J. G.) John F. Greenslade.
Lieut. Willard J. Suits.	Chief Boatswain William M. Castevens.

DEPARTMENT OF ORDNANCE AND GUNNERY

Commander Clyde R. Robinson.	Lieut. (J. G.) Louis A. Drexler, jr.
Commander Charles E. Reordan.	Lieut. (J. G.) Richard F. Stout.
Lieut. Commander Forrest U. Lake.	Lieut. (J. G.) Philip M. Boltz.
Lieut. Commander Thomas G. Peyton.	Lieut. (J. G.) Virginius R. Roane.
Lieut. Philip P. Welch.	Lieut. (J. G.) James R. Dancy.
Lieut. William I. Leahy.	Lieut. (J. G.) Donald J. Ramsey.
Lieut. Norman R. Hitchcock.	Lieut. (J. G.) Glenn R. Hartwig.
Lieut. Ferguson B. Bryan.	Lieut. (J. G.) Harrell W. Hall.
Lieut. Thomas C. Evans.	Lieut. (J. G.) Clarence L. Winecoff.
Lieut. Henry D. Wolleson.	Chief Gunner Herman Bullinger.
Lieut. (J. G.) Burton Davis.	

DEPARTMENT OF NAVIGATION

Capt. William L. Calhoun.	Lieut. Commander Henry F. Floyd.
Commander Howard H. J. Benson.	Lieut. Commander William D. Austin.
Commander James A. Logan.	Lieut. Commander Marshall B. Arnold.
Lieut. Commander William H. O'Brien, jr.	Lieut. Earle H. Kincaid.
Lieut. Commander Thomas L. Gatch.	Lieut. Thomas B. Brittain.
Lieut. Commander Donald F. Patterson.	Lieut. Charles M. Abson.
Lieut. Commander Laurence Wild.	Lieut. Hilyer F. Gearing.
	Lieut. Henry C. Johnson, jr.
	Lieut. (J. G.) Elijah W. Irish.

DEPARTMENT OF ENGINEERING AND AERONAUTICS

Commander Albert M. Penn.	Lieut. (J. G.) William J. Mitchell.
Commander Frank T. Leighton.	Lieut. (J. G.) Paul Graf.
Commander Richard H. Booth.	Lieut. (J. G.) Herrmann G. Page.
Lieut. Commander Hans Ertz.	Lieut. (J. G.) Solomon F. Oden.
Lieut. Commander Valentine Wood.	Lieut. (J. G.) Thomas S. Cameron.
Lieut. Commander Myron W. Hutchinson, jr.	Lieut. (J. G.) John H. Morrill.
Lieut. Benton W. Decker.	Lieut. (J. G.) George M. Brydon, jr.
Lieut. Leo B. Schulten.	Lieut. (J. G.) Frank R. Davis.
Lieut. Karl J. Christoph.	Lieut. (J. G.) Harold B. Edgar.
Lieut. Allen Hobbs.	Lieut. (J. G.) Neville L. McDowell.
Lieut. Austin K. Doyle.	Lieut. (J. G.) Charles J. Stuart.
Lieut. Rupert M. Zimmerli.	Lieut. (J. G.) George Edward Peterson.
Lieut. Daniel B. Candler, jr.	Capt. Theodore W. Johnson (Math.).
Lieut. (J. G.) Charles D. Beaumont, jr.	Lieut. Noah W. Gokey (C. C.).
Lieut. (J. G.) Frank E. Shoup, jr.	Lieut. William H. Magruder (C. C.).
Lieut. (J. G.) Alfred H. Richards.	Lieut. Edward C. Craig (C. C.).
Lieut. (J. G.) William D. Wright, jr.	Lieut. Robert C. Bell, jr. (C. C.).
Lieut. (J. G.) William P. McCarty.	Chief Machinist Robert I. Hart.
Lieut. (J. G.) Thomas H. Hederman.	Prof. Clarence P. Bolgiano.
	Assoc. Prof. William E. Farrell.
	Assoc. Prof. George Beneze.

DEPARTMENT OF MATHEMATICS

Capt. Lewis B. McBride (C. C.).	Lieut. (J. G.) Leo A. Bachman.
Capt. Herbert L. Rice (Math.).	Lieut. (J. G.) Rae E. Arison.
Lieut. Herbert C. Rust.	Prof. Charles L. Leiper.
Lieut. William V. O'Regan.	Prof. Paul Capron.
Lieut. (J. G.) Joseph E. M. Wood.	Prof. James B. Eppes.

Prof. James N. Galloway.
 Prof. Alexander Dillingham.
 Prof. Guy R. Clements.
 Prof. Henry M. Robert, jr.
 Assoc. Prof. Levi T. Wilson.
 Assoc. Prof. John Tyler.
 Assoc. Prof. James B. Scarborough.
 Assoc. Prof. Reginald C. Lamb.
 Assoc. Prof. Eugene S. Mayer.
 Asst. Prof. William A. Conrad.

Asst. Prof. Lyman M. Kells.
 Asst. Prof. James R. Bland.
 Instructor Willis F. Kern.
 Instructor Harry J. Winslow.
 Instructor George A. Lyle.
 Instructor Herman C. Stotz.
 Instructor Jesse L. Clayton.
 Instructor Ernest Hawkins.
 Instructor John Ridout, jr.
 Instructor Arthur R. Maupin.

DEPARTMENT OF ELECTRICAL ENGINEERING AND PHYSICS

Commander John S. Barleon.
 Commander Harry A. Badt.
 Commander William D. Chandler, jr.
 Commander Robert H. English.
 Lieut. Commander Thomas L. Nash.
 Lieut. Commander Scott Umsted.
 Lieut. Commander Wilbur W. Feineman.
 Lieut. Allen P. Mullinnix.
 Lieut. Samuel W. Canan.
 Lieut. Ellsworth D. McEathron.
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 Lieut. John J. Curley, jr.
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 Lieut. Frederick Moosbrugger.
 Lieut. William R. Thayer.
 Lieut. Harold Doe.
 Lieut. (J. G.) Alvin D. Chandler.
 Lieut. (J. G.) Wells L. Field.
 Lieut. (J. G.) David L. Nutter.
 Lieut. (J. G.) Henry F. Agnew.
 Lieut. (J. G.) Robert E. Cofer, jr.
 Lieut. (J. G.) Stephen G. Barchet.

Lieut. (J. G.) Bernard L. Austin.
 Lieut. (J. G.) George W. Patterson, jr.
 Lieut. (J. G.) Homer B. Wheeler.
 Lieut. (J. G.) Donald F. McLean.
 Lieut. (J. G.) Arthur W. Bass.
 Lieut. (J. G.) Hubert M. Hayter.
 Lieut. (J. G.) John A. Marsh.
 Lieut. (J. G.) William H. Duvall.
 Lieut. (J. G.) Archibald G. W. McFadden.
 Lieut. (J. G.) Harrison B. Southworth.
 Lieut. (J. G.) Clyde J. Nesser.
 Lieut. (J. G.) Arthur A. Grieser.
 Lieut. (J. G.) Lewis E. Coley.
 Lieut. (J. G.) Joseph A. Farrell, jr.
 Capt. Paul J. Dashiell (Math.), Ret.
 Lieut. Bernard E. Manseau (C. C.).
 Chief Gunner Lawrence Fasano.
 Prof. Gordon D. Robinson.
 Assoc. Prof. John C. Gray.
 Assoc. Prof. David G. Howard.
 Assoc. Prof. Earl W. Thomson.

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Prof. Carroll S. Alden.
 Prof. Allan F. Westcott.
 Lieut. Commander Charles H. McMorris.
 Lieut. Commander Fred K. Elder.
 Lieut. Commander Schuyler Mills.
 Lieut. Hance C. Hamilton.
 Lieut. Neil K. Dietrich.
 Lieut. (J. G.) William M. Hobby, jr.
 Lieut. (J. G.) Wilkie H. Brereton.
 Lieut. (J. G.) William E. Verge.
 Prof. Walter B. Norris.
 Prof. Howard McCormick.

Prof. Henry F. Sturdy.
 Assoc. Prof. Charles L. Lewis.
 Assoc. Prof. Royal S. Pease.
 Assoc. Prof. Roderick S. Merrick.
 Assoc. Prof. William A. Darden.
 Asst. Prof. William K. Doty.
 Asst. Prof. Fred I. Myers.
 Instructor Howard P. Kelsey.
 Instructor Richard S. West, jr.
 Instructor Robert H. James.
 Instructor Hugh R. Fitch.
 Instructor Allen B. Cook.
 Instructor Leslie M. Oliver.

DEPARTMENT OF MODERN LANGUAGES

Commander Augustin T. Beauregard.	Lieut. (J. G.) Joseph W. Fowler.
Lieut. Commander Tully Shelley.	Prof. Arturo Fernandez.
Lieut. Commander Humbert W. Ziroli.	Prof. William E. Olivet.
Lieut. Charles S. Beightler.	Prof. Molton A. Colton.
Lieut. Harold Coldwell.	Prof. Lucien R. Fournon.
Lieut. William L. Ware.	Assoc. Prof. Joseph M. Purdie.
Lieut. William S. Campbell.	Assoc. Prof. Clarence V. Fowler.
Lieut. Hubert W. Chanler.	Assoc. Prof. Henry Bluestone.
Lieut. Olin Scoggins.	Assoc. Prof. Daniel Jordan.
Lieut. (J. G.) William G. Michelet.	Assoc. Prof. Paul A. Lajoie.
Lieut. (J. G.) Paul L. F. Weaver.	Asst. Prof. Homer B. Winchell.
Lieut. (J. G.) Harold P. Smith.	Instructor George E. Starnes.
Lieut. (J. G.) Lawrence J. McPeake.	Instructor Edmund Caskie.
Lieut. (J. G.) Joseph F. Dahlgren.	Instructor John A. Maigret.
Lieut. (J. G.) John A. Holbrook.	Instructor William H. Sewell.

DEPARTMENT OF PHYSICAL TRAINING

Capt. John W. Wilcox, jr.	Asst. Chief Instructor John Schutz.
Lieut. Commander John L. Hall, jr.	Asst. Chief Instructor Frank J. Sazama.
Lieut. Commander Harvey E. Overesch.	Instructor Henry Ortland, jr.
Lieut. (J. G.) Harry J. Hardwick. ¹	Instructor John N. Wilson.
Lieut. (J. G.) John H. Cross. ¹	Instructor Tom G. Taylor.
Ensign Claud W. Hughes. ¹	Instructor Hamilton M. Webb.
Ensign Robert M. Bowstrom. ¹	Instructor Frank L. Foster.
Lieut. Everett B. Taylor (M. C.). ²	Instructor Walter Aamold.
Chief Instructor Louis H. Mang.	Instructor Charles S. Walsh.
Asst. Chief Instructor George Heintz.	Instructor Earl J. Thomson.

DEPARTMENT OF HYGIENE

Capt. Edward H. H. Old (M. C.).

YARD MEDICAL

Capt. Edward H. H. Old (M. C.).	Lieut. Commander Louis F. Snyder (D. C.).
Commander Reginald B. Henry (M. C.).	Lieut. Commander Edmund Laughlin (D. C.).
Commander Willard J. Riddick (M. C.).	Lieut. Commander Charles H. Morris (D. C.).
Lieut. Commander Joseph H. Durrett (M. C.).	Lieut. Commander Henry C. Lowry (D. C.).
Lieut. Commander Francis D. Gibbs (M. C.).	Lieut. Joseph W. Baker, jr. (D. C.).
Lieut. Edward J. Goodbody (M. C.).	Lieut. (J. G.) George H. Mills (D. C.).
Lieut. Charles C. Yanquell (M. C.).	Lieut. (J. G.) Jesse B. Baneroft (D. C.).
Lieut. John Q. Owsley (M. C.).	Lieut. (J. G.) Edwin A. Thomas (D. C.).
Lieut. David. O. Zearbaugh (M. C.).	Lieut. (J. G.) Charles F. Lynch (D. C.).
Lieut. (J. G.) Robert Faust (M. C.).	Chief Pharmacist William S. Burr.
Commander Ernest W. Lacy (D. C.).	

YARD CHAPLAINS

Commander Frank H. Lash (Ch. C.).
 Lieut. Emerson G. Hagen (Ch. C.).

¹ Temporary duty as coaches.

² Additional duty in department of hygiene.

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Asst. Prof. Richard J. Duval.
Asst. Librarian Louis H. Bolander.

CURATOR

Prof. Herman F. Krafft.³

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Commander Thomas E. Van Metre.	Prof. Paul J. Kiefer.
Lieut. Commander George L. Wood- ruff.	Prof. Charles C. Bramble.
Lieut. Commander Harold H. Little.	Assoc. Prof. Dennis Kavanaugh, jr.
Lieut. Commander Thomas N. Vinson.	Assoc. Prof. Charles H. Rawlins.
Lieut. Commander John F. Bates, jr.	Assoc. Prof. Ralph S. Wilbur.
Lieut. Commander Otto Nimitz.	Assoc. Prof. Charles V. O. Terwilliger.
Lieut. Henry R. Herbst.	Assoc. Prof. G. Robert Giet.
Lieut. Harry A. Rochester.	Asst. Prof. Albert J. Dornblatt.
Lieut. Thomas L. Turner.	Asst. Prof. Frank E. LaCauza.
Prof. Ralph E. Root.	Asst. Prof. R. C. Hensen Wheeler.
	Asst. Prof. Wendell M. Coates.

STUDENT OFFICERS—POSTGRADUATE SCHOOL

Lieut. Henry C. Flanagan.	Lieut. Grover B. H. Hall.
Lieut. William E. Tarbutton.	Lieut. Rufus G. Thayer.
Lieut. John G. Crawford.	Lieut. William F. Ramsey.
Lieut. Charles Allen.	Lieut. Cecil C. Adell.
Lieut. Riffel G. Rhoton.	Lieut. Frank Akers.
Lieut. Frederick A. Hardesty.	Lieut. Ralph Earle, jr.
Lieut. John O. Jenkins.	Lieut. Church A. Chappell.
Lieut. Floyd J. Nuber.	Lieut. Richard W. Ruble.
Lieut. Charles H. K. Miller.	Lieut. George W. Welker, jr.
Lieut. Benjamin C. Purrington.	Lieut. John L. Welch.
Lieut. Ralph W. Bowers.	Lieut. Balch B. Wilson, jr.
Lieut. James J. McGlynn.	Lieut. (J. G.) Robert A. Cook.
Lieut. Joseph S. Donnell.	Lieut. (J. G.) Wallace E. Guitar.
Lieut. Laurence Bennett.	Lieut. (J. G.) John K. B. Ginder.
Lieut. Lewis R. McDowell.	Lieut. (J. G.) Beverley R. Harrison, jr.
Lieut. Paul Miller.	Lieut. (J. G.) Irving T. Duke.
Lieut. Haskell C. Todd.	Lieut. (J. G.) Edward L. Woodyard.
Lieut. Warner U. Hines.	Lieut. (J. G.) Charles W. Wilkins.
Lieut. Donald R. Osborn, jr.	Lieut. (J. G.) Robert L. Campbell, jr.
Lieut. Mead S. Pearson.	Lieut. (J. G.) Merle A. Sawyer.
Lieut. Clarence F. Swanson.	Lieut. (J. G.) Edward W. Rawlins.
Lieut. Brook S. Mansfield.	Lieut. (J. G.) Elmer E. Yeomans.
Lieut. Fridthjof W. Londahl.	Lieut. (J. G.) Elmer E. Berthold.
Lieut. Richard R. Hartung.	Lieut. (J. G.) Joseph M. P. Wright.
Lieut. Samuel H. Arthur.	Lieut. (J. G.) Norman W. Ellis.
Lieut. Darrough S. Gurney.	Lieut. (J. G.) William J. Longfellow.
Lieut. Paul S. Slawson.	Lieut. (J. G.) Howard L. Collins.
Lieut. Hugh D. Lyttle.	Lieut. (J. G.) James S. Laidlaw.
Lieut. John E. Pixton.	Lieut. (J. G.) Adrian M. Hurst.

³ Additional duty in department of English and history.

- Lieut. (J. G.) Ezra M. Ellis.
 Lieut. (J. G.) Alfred J. Bolton.
 Lieut. (J. G.) William D. Brown.
 Lieut. (J. G.) Warren D. Wilkin.
 Lieut. (J. G.) Theodore J. Shultz.
 Lieut. (J. G.) Edward W. Young.
 Lieut. (J. G.) Sherman E. Burroughs, jr.
 Lieut. (J. G.) Edmund W. Whitehead.
 Lieut. (J. G.) Murray J. Tichenor.
 Lieut. (J. G.) Myron S. Teller.
 Lieut. (J. G.) Tillman T. Dantzler.
 Lieut. (J. G.) George W. Evans, jr.
 Lieut. (J. G.) John D. Hayes.
 Lieut. (J. G.) Preston V. Mercer.
 Lieut. (J. G.) Audley L. Warburton.
 Lieut. (J. G.) Jack B. Williams.
 Lieut. (J. G.) Warren W. Harvey.
 Lieut. (J. G.) Louis D. Sharp, jr.
 Lieut. (J. G.) Henry E. Richter.
 Lieut. (J. G.) Richard J. Bourke, jr.
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 Lieut. (J. G.) Hugh B. McLean.
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 Lieut. (J. G.) Frank H. Ball.
 Lieut. (J. G.) Charles E. McDonald.
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 Lieut. (J. G.) Henry W. Goodall.
 Lieut. (J. G.) Thomas C. Ritchie.
 Lieut. (J. G.) Frederick J. Ilseemann.
 Lieut. (J. G.) Arthur M. Townsend.
 Lieut. (J. G.) George Edmund Peterson.
 Lieut. (J. G.) John C. Daniel.
 Lieut. (J. G.) Joseph J. Woodward.
 Lieut. (J. G.) Joseph W. Adams, jr.
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 Lieut. (J. G.) Robert S. Bertschy.
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 Lieut. (J. G.) Harry E. Hubbard.
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 Lieut. (J. G.) Fremont B. Wright.
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- Lieut. (J. G.) William J. Marshall.
 Lieut. (J. G.) James M. Robinson.
 Lieut. (J. G.) Thomas B. McMurtrey.
 Lieut. (J. G.) Horace G. Trainer.
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 Lieut. (J. G.) Elmer C. Buerkle.
 Lieut. (J. G.) David R. Hull.
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 Lieut. (J. G.) Donald C. Beard.
 Lieut. (J. G.) Joseph W. Ludewig.
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 Lieut. (J. G.) William S. Howard, jr.
 Lieut. (J. G.) John B. Brown.
 Lieut. (J. G.) John G. Hughes, jr.
 Lieut. (J. G.) James A. Greenwald, jr.
 Lieut. (J. G.) John H. Ellison.
 Lieut. (J. G.) Mario G. Vangeli.
 Lieut. (J. G.) William T. Jones.
 Lieut. (J. G.) Herbert C. Zitzewitz.
 Lieut. (J. G.) William H. Leahy.
 Lieut. (J. G.) Elmer O. Davis.
 Lieut. (J. G.) Victor B. Cole.
 Ensign James M. Farrin, jr.
 Ensign John H. Keatley.
 Ensign William C. Allen.
 Ensign Herbert J. Hiemenz.
 Ensign Thomas E. Kent, jr.
 First Lieut. Robert H. Rhoads, U. S. M. C.
 First Lieut. William G. Manley, U. S. M. C.
 Second Lieut. Walter L. J. Bayler, U. S. M. C.

U. S. S. "REINA MERCEDES," STATION SHIP

Capt. William J. Giles	Chief Boatswain Raymond V. Svendsen
Lieut. James A. Crocker	Chief Machinist Frederick Seefeldt
Lieut. (J. G.) Richard G. Ganahl	Chief Carpenter James S. Jones
Lieut. Leo A. Ketterer (S. C.)	Chief Pay Clerk Thomas A. McDair-
Chief Boatswain James W. Lennon.	mant
Chief Boatswain Maurice J. Hannafin	

VN SQUADRON 8D5

Lieut. Commander DeWitt C. Ramsey	Lieut. Harold M. Martin
Lieut. Commander Clifton A. F. Sprague	Lieut. Dixwell Ketcham

MARINE DETACHMENT

Maj. Roy D. Lowell, U. S. M. C.
 First Lieut. Charles W. Kail, U. S. M. C.

SUPPLY OFFICE

Capt. Charles W. Eliason (S. C.)
 Lieut. George Scratchley (S. C.)
 Lieut. Charles M. Garrison (S. C.)
 Chief Pay Clerk Wilburn Bates

NAVAL HOSPITAL

Capt. Charles M. Oman (M. C.)	Lieut. Jonathan E. Henry (M. C.)
Capt. John B. Kaufman (M. C.)	Lieut. Herbert L. Pugh (M. C.)
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Lieut. Commander Paul M. Albright (M. C.)	Chief Pharmacist Roscoe C. Rowe
	Chief Pharmacist Henry P. Knowles
	Chief Pharmacist Jesse R. Ayer

ENGINEERING EXPERIMENT STATION

Capt. Halford R. Greenlee
 Lieut. Commander Vincent H. Godfrey
 Lieut. Commander Thorvald A. Solberg
 Lieut. Hugh E. Haven
 Lieut. Benjamin P. Ward
 Lieut. Donald T. Giles

NAVAL RADIO STATION (HIGH POWER)

Lieut. Commander Howard W. Kitchin	Chief Radio Electrician Theodore Lach-
	man

ACADEMIC BOARD

THE SUPERINTENDENT.
THE COMMANDANT OF MIDSHIPMEN.
THE HEAD OF THE DEPARTMENT OF SEAMANSHIP AND FLIGHT TACTICS.
THE HEAD OF THE DEPARTMENT OF ORDNANCE AND GUNNERY.
THE HEAD OF THE DEPARTMENT OF NAVIGATION.
THE HEAD OF THE DEPARTMENT OF ENGINEERING AND AERONAUTICS.
THE HEAD OF THE DEPARTMENT OF MATHEMATICS.
THE HEAD OF THE DEPARTMENT OF ELECTRICAL ENGINEERING AND PHYSICS.
THE HEAD OF THE DEPARTMENT OF ENGLISH AND HISTORY.
THE HEAD OF THE DEPARTMENT OF MODERN LANGUAGES.
THE HEAD OF THE DEPARTMENT OF HYGIENE.
THE HEAD OF THE DEPARTMENT OF PHYSICAL TRAINING.

Midshipmen officers and petty officers, 1931-32—Continued

	First company	Second company	Third company	Fourth company	Fifth company	Sixth company	Seventh company	Eighth company
Midshipman chief petty offi- cer.	Munson, H. G.	Bailey, B. L.	Wintle, J. W.	Zink, W. T., Jr.	Gates, A. E., Jr.	Moore, R. B.	Scott, D. D.	Tucker, A. J., 2d
Midshipman muster ing petty officer.	Best, R. H.	Bandy, J. I.	Weston, W. H.	Bull, W. I.	Keyes, C. M.	Corson, G.	Hornet, J. S.	Spiers, J. I. R.
Do.	Stieler, R. E.	Hodgkins, E. R.	Smith, Lawrence	Baker, H. E.	Fawcett, M. A.	Parker, A. E.	Morse, J. H., Jr.	Bounds, H. P.
Do.	Dening, R. L., Jr.	Sargent, H. L.	Beardslee, G. R.	Carroll, G. N.	Crowley, D. S.	Wilson, R. L.	Winter, W., Jr.	Seely, H. W.
Do.	Parker, F. M.	Schroeder, W. P.	Ruhlman, F. L.	Lark, J. A.	Franklin, W. R.	Hughes, G. E.	Harrington, P. H.	Luker, G. R.
Midshipman guidon petty officer.	Gramlich, F. M.	Ernst, S. A.	Brindupke, C. F.	Van Slyke, F. A.	Dickinson, A. W.	Taylor, E. W.	Coleman, H. M.	Fahy, J. S.
Midshipman first petty offi- cer.	Gorsline, R. H.	McCormick, J. J.	Walker, R. P.	Howe, F. N.	Archer, S. M.	Vorpahl, A. H.	Young, R. C.	Blaisdell, N. E.
Do.	Pietta, F. A.	Wilson, R. M.	Lietwiler, J. M.	Tagg, W. L.	Spangler, J. G.	Kinert, D. F.	Reilly, J. V.	Shimmers, C. R.
Do.	Raring, G. L.	Hutchinson, G. L.	Turton, H. J.	Kenna, W. E.	Small, S. C.	Craig, J. G., Jr.	Faville, M. F.	Roblin, R. D.
Do.	Dale, R. H.	Lewis, J. S.	Lewis, P. W.	Porter, R. E.	Kelly, W. D.	Garrison, M. E.	Douglass, F. M.	Thompson, J.
Do.	Nelson, C. P.	Young, M. T.	Cann, P. W.	Nuesse, F. E.	Murray, E. N.	Latta, F. D.	Harral, B. J.	Cox, W. R.
Do.	Musgrave, C. W.	Hamilton, M. J.	Bowser, A. L., Jr.	Bunce, P. G.	Pitts, R. M.	Brown, S. W.	Vandling, R. E.	Underwood, G. W.
Do.	White, T. H.	Van Evert, J. R.	Sunderland, M.	Kerr, R. H.	Grider, J. M.	Fawkes, E. E.	Stuart, W. A.	Gregory, R. V.
Do.	Shayden, A. W.	Stoner, H. F.	Knock, D. C., Jr.	Langen, T. D. F.	Finney, E. P., Jr.	Cook, H. S.	Bush, H. P., Jr.	Major, A. S., Jr.
Midshipman second petty officer.	Phillips, C. E.	Fulton, R. B., 2d.	Short, W. B., Jr.	Soule, R. A., 3d.	Utter, H. T.	Leverett, T. R.	Miller, W. R.	Mandelkorn, R. S.
Do.	Johnson, J. H. S.	Dimitrijevic, W. J.	Hunter, G. C.	Acker, F. G.	Jacobs, J. F., Jr.	Smith, Levering	Nicholas, N. J.	Coleman, W. D.
Do.	Hanson, A. E.	Hobbs, G. O.	Robards, W. O. F.	Cobb, O. O.	Melver, D. C.	Wilson, W. B.	Carroll, D. L., Jr.	Baker, R. L., 4th
Do.	Wigellus, F. E.	Beer, R. O.	Innis, W. D.	Wagon, L. E.	Tennant, J. G., 3d.	Adams, A. B., Jr.	Stannard, W. F.	Holloway, C. E.
Do.	Pierce, G. E.	DeWitt, J. C., Jr.	Lamade, J. D.	Cope, A. V.	Rayes, H.	Hydenman, E. T.	Outerson, W.	Frakes, D. R.
Do.	Moncre, S. P.	Droppe, A. H.	Thompson, F. C.	Vanous, W. W.	Rice, G. F.	Goodhue, A. A.	Lowndes, T. P.	Humes, R. M.
Do.	Klinkstiek, H. T.	Williamson, T. F.	Schwartz, I. J.	Alen, H. L., Jr.	Collett, J. D.	Billingsley, E. B.	Thomas, J. A.	McGoldrick, J. A.
Do.	Sampson, N. J.	Little, R. B.	Underwood, R. D.	Leonard, R. C.	Holmes, W. M.	Wellings, A. A.	Shaw, S. L.	Wildner, A.
Do.	Ovrom, A. A.	Richards, W. L.	Colley, T. J.	Gothie, D. S.	Greene, R. O.	Williamson, M. W.	Asman, E. C.	Wilder, A. F. P.
Do.	Hardie, T. J.	Blair, R. H.	Escholt, L. C.	Johnson, S. H.	Coxe, A. B., Jr.	Dibrell, A. G., Jr.	Humiston, J. G.	Kretz, C. H., Jr.
Do.	Sutton, J. J.	Freund, B. W.	Tschirg, H. C.	Owens, H. A.	McDonald, D. H.	Letts, K. P.	Lank, T. S.	Warder, T. G.
Do.	O'Connor, M. B.	Johnson, Clifford A.	Lyons, C. M., Jr.	Shea, J. D.	Bigaquette, F. J.	Strickler, R. L.	Short, W. C., Jr.	Ross, R. D.
Do.	Speer, J. O.	Groverman, W. H., Jr.	Morgan, R. A.	Labouisse, S. S.	Williams, P. D.	Sturcken, O. A.	Quarles, S. F.	Eastwood, E. R.
Do.	Greenlee, A. W.	Campbell, H. J.	Smith, J. G.	Porter, G. E., Jr.	de Zayas, H.	Shovestul, P. J.	Townsend, H. E.	Feldscher, W.
Do.	Wilson, G. R.	Lavery, R. J.	Knoertz, H. A.	Hopkins, T. W.	Demetti, M. E.	Wichuln, W. C.	Vaughan, J.	Kinberger, L. S.
Do.	Huttings, C. S.	Kasperek, C. E.	McLeod, D. K.	Arthur, L. A.	Smith, Reynolds G.	Suzarman, C. M.	Clement, J. M.	Vaughan, F. O.
Do.	Kaplan, A. D.	Kovisko, M. M.	Snowden, E. M.	Corry, J.	Born, H. B.	Hendrick, H. L., Jr.	Domenech, J. P.	Chase, I., Jr.

Do	Raymond, W. H., jr.	West, J. T.	Van Every, S. A., jr.	Heinlein, O. A., jr.	Marshall, J. G.	Starr, M. T.	Montgomery, T. J.	Perkins, C. E.
Do	Ottlinger, G. M.	Quirk, P. D.	Holt, P. C.	Lewis, W. H.	Pinkston, E. R.	Matter, A. R.	Phares, E. L.	Hurley, T. B.
Do	Rogers, G. P.	Harwell, J. L.	Langer, J. P.	Moore, H. G.	Witherow, J. F., jr.	Kemper, J. L.	Murphy, J. E., jr.	Raney, J. W.
Do	Farrish, L. W.	Rondebush, J.	Keen, C. R.	Bisson, R. O.	Furlight, W. K.	Bellinger, G. L.	Pressey, G. W.	Munger, M. T.
Do	Flemmiken, J. A.	Reach, J. P.	Toff, J. C., jr.	Bigler, J. C.	Everett, C. H., jr.	Warfield, T. G.	Mather, M. C.	Emrick, P. E.
Do	Binns, J. A.	Smiley, C. B.	Williams, Richard C., jr.	Mang, L. W.	Harwood, R. D.	Johnson, R. C.	Everett, J. L., jr.	Close, B. E.
Do	Head, H. H.	Smith, D. F., jr.	Faires, C. F., jr.	Asmuth, W., jr.	Moore, J. A.	Jonson, W. C., jr.	Hoover, J. H.	Gold, C. C.
Do	Maulsby, R. J. C.	Caffett, W. J., jr.	Fang, O. E.	Lacier, R. O.	Myers, J. C.	Howle, W. G.	Dial, N. M.	Murphy, C. L., jr.
Do	Shinn, A. M.	Gronoff, P. H.	Smith, C. H.	King, O. B.	Mayer, R. H.	McCarley, H. H.	Tuttle, M. H.	Brewer, C.
Do	Wolsiefer, F.	Lapetus, E. A.	James, G. S., jr.	Chittenden, J. L.	Perkins, W. B., jr.	Dobbs, W. A.	Adams, R. D.	Williamson, L.
Do	Holloway, W. F.	Chase, E. G.	Deany, H. H.	Bailey, B. F.	Stevenson, G. N.	Andrew, J. D.	McCorneek, S. A.	McAlpine, L. H.
Do	Caperton, H. O.	Maler, E. H.	Thorn, W. A.	Hummer, H. C.	Stevenson, G. N.	Phipps, J. C.	Scott, R. C.	Halsey, L. B.
Do		Snyder, P. L.		Gibson, S. K.			Keele, C., jr.	Vrooman, W. T.
Do							Gamble, R. L.	Meador, E. B.
Do							Lyons, W. B. B.	Lauman, C. B.
Do							Rhoads, N. B., jr.	Burrowes, E. E.

Effective Sept. 25, 1931. Midshipmen of any rank in a unit take precedence over midshipmen of the same rank in a smaller unit. Midshipmen of the same rank in a company take precedence in order from the top down in the lists above. Seniority of midshipmen of the same rank among battalions and companies will be established by separate orders. Number in () after names in staff details indicates company assignments.

PRACTICE CRUISE, 1931

There was no regular Naval Academy practice squadron for the summer practice cruise, 1931.

Officers and mishipmen detailed for the practice cruise embarked on June 5, 1931, and disembarked August 26, 1931.

The midshipmen of the first and third classes were assigned to the following ships of the Training Squadron, Scouting Force: *Arkansas* (flagship) and *Wyoming*.

The itinerary of the midshipmen's practice cruise was as follows:

	Arrival	Departure
Annapolis, Md.....		June 5
Copenhagen, Denmark.....	June 23	July 3
Glasgow (Greenock), Scotland.....	July 10	July 13
Cadiz, Spain.....	July 18	July 27
Gibraltar.....	July 27	July 30
Hampton Roads, Va.....	Aug. 13	Aug. 17
Drill grounds (off Virginia Capes, for target practice).....	Aug. 17	Aug. 25
Annapolis, Md.....	Aug. 26	-----

NOTE.—The midshipmen of the second class (1933) were retained at the Naval Academy to undergo practical instruction in aviation and engineering subjects.

MERIT ROLLS FOR 1930-31

Merit rolls, made out annually for each class, show the proficiency of the midshipmen in each branch of study. The numbers given in the table, showing the relative weight of the different branches, are used as coefficients, the final mark in each branch (on a scale of 4) being multiplied by the number assigned to that branch. The sum of the products, after adding the multiple for discipline, is the final mark of the midshipmen for the year.

In the graduating merit roll the final standing for the course is determined by the sum of the yearly multiples.

Midshipmen who attain 85 per cent of the multiple for a year shall be distinguished by a star affixed to their names on the annual merit rolls. (Regulations, U. S. Naval Academy, 1928, art. 191.)

The diplomas of midshipmen whose final multiples on the graduating merit roll are not less than 85 per cent of the maximum shall read "Passed with distinction"; those whose final multiples are less than 85 per cent but not less than 75 per cent of the maximum shall read "Passed with credit"; and those whose final multiples are less than 75 per cent of the maximum shall read "Passed." (Regulations, U. S. Naval Academy, 1928, art. 192.)

* Received 85 per cent of multiple.

a Completed course; commission withheld pending action on physical disability.

b Resignation accepted upon graduation due to physical disqualification.

c Turned back into next lower class on account of conduct.

d Sent on practice cruise on account of scholastic deficiency; later passed reexamination; graduated and commissioned.

dd Died.

e Diploma withheld; sent on practice cruise as disciplinary measure; later graduated and commissioned.

f Dismissed.

g Found physically disqualified and required to resign.

h Deficient in studies; turned back into next lower class.

i Deficient in studies; required to resign.

k Resigned; did not graduate.

MC Assigned to Marine Corps upon graduation.

m Voluntary resignation accepted immediately upon graduation.

n Sent on practice cruise on account of scholastic deficiency; upon expiration of cruise reexamined and again found deficient; turned back into next lower class.

o Continued with class pending results of delayed examinations.

p Turned back into this class on account of conduct.

r Resigned.

rr Resigned on account of unsatisfactory conduct.

s Dropped on account of physical disqualification.

SC Assigned to Supply Corps upon graduation.

w Turned back into next lower class on account of illness.

x Deficient in studies for first term; turned back into this class.

y Filipino: Graduated but not commissioned in Navy.

† Readmitted with class of 1935.

‡ Academic work incomplete due to illness. Continued with class pending further action.

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1931), 443 members, of whom 441 graduated

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima.....	100	200	200	400	1,000
*1	Tyra, T. D.....	90. 23	181. 38	270. 89	359. 89	902. 39
*2	Veasey, A. C.....	88. 35	175. 86	271. 97	364. 49	900. 67
*3	Rivero, H., jr.....	90. 34	176. 28	273. 19	360. 55	900. 36
*4	Anderson, R. K.....	91. 73	177. 24	266. 68	355. 23	890. 88
*5	Reed, A. L.....	88. 89	174. 93	264. 86	355. 16	883. 84
*6	Colwell, J. B.....	87. 71	170. 52	262. 54	352. 28	873. 05
*7	Prescott, J. G. F.....	89. 72	173. 48	262. 18	347. 18	872. 56
*8	Rogers, T. W.....	88. 66	173. 86	262. 84	343. 69	869. 05
m*9	Bauer, D. A.....	86. 50	169. 28	264. 22	346. 91	866. 91
m*10	Powell, G. N.....	85. 93	172. 88	261. 88	345. 89	866. 58
*11	Taylor, R. L.....	87. 58	167. 06	260. 19	351. 58	866. 41
*12	Holtzworth, E. C.....	88. 80	169. 85	262. 20	345. 45	866. 30
*13	McAfee, J. S.....	86. 85	170. 36	260. 31	347. 32	864. 84
m*14	Hibschman, M. W.....	89. 23	171. 06	260. 78	342. 98	864. 05
*15	Romberg, A. K.....	83. 71	166. 59	260. 99	352. 53	863. 82
*16	Greene, G. M.....	84. 37	169. 61	257. 88	350. 04	861. 90
*17	Gale, W. C.....	83. 23	166. 21	261. 37	346. 37	857. 18
*18	Lay, J. T.....	82. 20	165. 17	262. 10	347. 67	857. 14
*19	Gadrow, R. E.....	82. 91	167. 77	257. 62	347. 98	856. 28
*20	Dorsett, J. O. F.....	88. 36	169. 92	256. 18	340. 37	854. 83
*21	Payson, H., jr.....	85. 68	170. 51	260. 01	338. 36	854. 56
*22	Roeder, B. F.....	81. 72	163. 40	259. 00	349. 97	854. 09
m*23	Parker, R. E.....	82. 49	164. 23	261. 98	345. 19	853. 89
*24	Flynn, J. E.....	88. 34	169. 19	257. 82	338. 42	853. 77
*25	Pierce, R. A.....	84. 07	166. 04	256. 07	347. 33	853. 51
MC*26	Brunelli, A. R.....	83. 41	164. 52	258. 55	346. 34	852. 82
SC*27	Callaway, P. P.....	82. 80	162. 29	256. 45	350. 19	851. 73
SC*28	Mumford, S.....	83. 01	166. 80	257. 70	343. 12	850. 63
*29	Moulton, H. D.....	83. 03	166. 74	258. 77	341. 57	850. 11
MC30	Hudson, L. C., jr.....	85. 05	167. 06	255. 84	341. 52	849. 47
31	Betts, S. W.....	86. 08	163. 27	255. 37	343. 85	848. 57
32	Hatton, G. A.....	85. 89	167. 36	257. 11	337. 16	847. 52
33	Day, E. M.....	84. 32	170. 61	262. 74	329. 22	846. 89
34	Uehling, G. A.....	82. 87	168. 63	256. 18	337. 16	844. 84
35	Flaherty, A. I.....	86. 92	165. 00	254. 33	337. 35	843. 60
36	Booth, C. T., 2d.....	86. 11	164. 94	256. 18	336. 29	843. 52
37	Needham, R. C.....	85. 45	164. 66	255. 62	337. 57	843. 30
38	Wright, E. A.....	85. 98	167. 77	257. 20	331. 51	842. 46
39	Webster, J. A.....	84. 38	163. 60	257. 11	336. 37	841. 46
40	Guilbert, E. H.....	85. 68	165. 82	251. 11	338. 53	841. 14
41	Russell, H. B.....	79. 21	158. 51	257. 56	345. 14	840. 42
m42	Moeller, H. G.....	85. 91	165. 29	257. 16	331. 28	839. 64
43	Foley, J. F.....	82. 35	161. 89	255. 67	339. 64	839. 55
44	Merkle, F. B.....	83. 89	162. 04	255. 47	336. 82	838. 22
45	Brossy, H. E.....	83. 64	162. 16	253. 81	338. 04	837. 65
46	McKee, F. A.....	84. 05	167. 48	253. 53	332. 48	837. 54

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1931), 443 members, of whom 441 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima.....	100	200	300	400	1,000
47	Ashworth, T., jr.....	84. 75	161. 84	256. 12	333. 37	836. 08
m48	Kunkle, G. O.....	84. 21	161. 97	254. 07	334. 92	835. 17
MC49	Games, E. B.....	87. 41	165. 99	256. 34	325. 26	835. 00
49½	Robbins, B. A., jr.....	83. 85	161. 41	255. 10	334. 16	834. 52
50	Greene, T. J.....	83. 19	160. 40	252. 61	337. 55	833. 75
51	Hooper, E. B.....	84. 10	157. 82	257. 47	334. 27	833. 66
52	Gibson, W. F.....	80. 83	159. 84	250. 95	340. 62	832. 24
53	Almgren, C. R.....	87. 72	164. 50	247. 82	332. 13	832. 17
b54	Gray, R. L.....	79. 27	158. 47	257. 31	336. 90	831. 95
55	Ernest, R. N.....	87. 17	162. 97	247. 11	334. 28	831. 53
MC56	Keller, A. J.....	79. 57	153. 85	253. 17	342. 95	829. 54
57	Hollister, W. W.....	83. 68	161. 14	254. 36	330. 15	829. 33
58	Braun, W. B.....	82. 61	158. 23	250. 23	338. 18	829. 25
59	Foley, F. J.....	84. 40	163. 14	248. 58	332. 06	828. 18
SC60	Tenney, J. F.....	81. 67	162. 73	251. 74	331. 99	828. 13
61	Daniels, A. N.....	85. 77	171. 80	251. 13	317. 96	826. 66
62	Wood, J. M.....	86. 52	160. 80	250. 07	328. 94	826. 33
63	Weatherwax, H. P.....	86. 84	163. 59	255. 01	320. 76	826. 20
64	Elden, R. W.....	85. 38	162. 84	248. 49	329. 20	825. 91
65	Chew, J. L.....	84. 69	160. 56	250. 64	329. 84	825. 73
66	Ellis, L. A.....	86. 63	161. 97	251. 69	325. 17	825. 46
67	Tatom, E.....	81. 47	158. 97	250. 48	334. 22	825. 14
68	Schultz, G. F.....	86. 33	162. 49	249. 29	326. 43	824. 54
69	Jones, A. B., jr.....	84. 26	158. 44	244. 16	336. 67	823. 53
70	Cummings, D. M.....	79. 49	161. 25	246. 09	336. 24	823. 07
71	Hain, V. R.....	82. 16	159. 02	255. 12	326. 51	822. 81
72	Holmes, M. S.....	83. 09	157. 85	246. 21	335. 65	822. 80
73	Lockwood, R. E.....	85. 07	160. 67	245. 91	330. 83	822. 48
m74	Railsback, E. F.....	83. 25	160. 89	246. 66	330. 56	821. 36
75	Cullinan, R., jr.....	82. 98	154. 47	247. 07	336. 77	821. 29
76	Schoeni, W. P.....	82. 33	157. 44	248. 64	332. 44	820. 85
77	MacKenzie, G. K., jr....	82. 28	157. 82	249. 32	331. 33	820. 75
78	Firth, M. W.....	82. 40	161. 72	246. 66	329. 62	820. 40
79	Williams, G. K.....	85. 94	162. 20	245. 60	324. 81	818. 55
80	Biglow, J. O.....	85. 27	163. 34	243. 05	326. 48	818. 14
m81	Buchholz, G. W., jr....	81. 33	155. 38	253. 97	327. 11	817. 79
82	Smith, R. K.....	82. 78	161. 90	249. 73	322. 64	817. 05
83	Wulff, J. T.....	85. 61	158. 14	246. 93	326. 26	816. 94
84	MacDonald, D. J.....	81. 80	156. 85	246. 34	331. 46	816. 45
85	Heilig, R. B.....	79. 79	157. 35	248. 99	329. 98	816. 11
86	Kelsey, J. H., jr.....	80. 91	154. 35	246. 62	333. 92	815. 80
87	Stone, G. R.....	82. 05	159. 08	246. 53	327. 69	815. 35
m88	Fitch, R. A.....	81. 65	161. 40	247. 66	324. 51	815. 22
89	Thomas, W. M.....	83. 15	155. 37	248. 65	327. 99	815. 16
90	Fabian, R. J.....	82. 22	161. 17	248. 55	322. 37	814. 31
91	Lefavour, W. R.....	84. 06	156. 15	246. 96	326. 03	813. 20

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1931), 443 members, of whom 441 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima.....	100	200	300	400	1,000
b92	Stauffer, J. B.....	84. 93	161. 16	248. 65	318. 39	813. 13
93	Raysbrook, F. G.....	86. 65	164. 81	242. 03	319. 43	812. 92
m94	Anderson, C. E.....	87. 43	165. 63	243. 91	314. 65	811. 62
95	Dodson, L. F.....	83. 77	159. 90	246. 30	321. 40	811. 37
96	Hagberg, O. E.....	84. 04	161. 72	243. 03	322. 50	811. 29
97	Sharp, A. E., jr.....	86. 56	161. 60	244. 81	317. 94	810. 91
b98	Steele, M. G.....	79. 19	161. 04	249. 72	320. 64	810. 59
99	Miller, N. M.....	81. 38	162. 55	247. 16	318. 27	809. 36
100	Brown, E. M.....	83. 63	157. 81	243. 89	323. 61	808. 94
101	Janz, C. T.....	83. 40	159. 62	243. 03	322. 80	808. 85
102	Lizberg, C. A.....	85. 79	161. 48	244. 51	316. 71	808. 49
103	Blessman, E. M.....	79. 00	148. 14	245. 31	336. 02	808. 47
104	Holden, H. W.....	83. 43	159. 00	244. 53	321. 02	807. 98
105	Renken, H. A.....	82. 07	155. 58	248. 89	321. 26	807. 80
106	Ramage, L. P.....	83. 04	156. 85	245. 87	321. 41	807. 17
m107	Bater, H.....	83. 10	163. 05	249. 02	310. 04	805. 21
y108	Francisco, J.....	85. 68	163. 33	242. 34	313. 80	805. 15
109	Mullins, H., jr.....	78. 92	155. 31	246. 55	323. 92	804. 70
110	Powell, P. G., jr.....	80. 54	149. 89	242. 81	330. 38	803. 62
111	Volk, L. F.....	79. 96	155. 27	241. 67	326. 46	803. 36
112	Miner, J. O.....	80. 18	156. 50	242. 78	323. 69	803. 15
113	Lewellen, B. E.....	82. 09	158. 08	244. 59	318. 05	802. 81
114	Kiehlbauch, J. V.....	81. 98	154. 44	241. 57	324. 64	802. 63
115	Steffanides, E. F., jr.....	80. 18	155. 45	246. 45	319. 81	801. 89
116	Hay, R. R.....	85. 16	159. 66	242. 28	314. 21	801. 31
117	Gurnette, B. L.....	80. 65	160. 06	245. 65	314. 78	801. 14
118	Reynolds, J. R. Z.....	83. 39	158. 40	243. 58	315. 56	800. 93
119	Weir, F. U.....	76. 66	152. 79	242. 47	328. 39	800. 31
120	Daniels, D. V.....	83. 98	151. 04	242. 80	321. 91	799. 73
m121	Ferrill, H. E.....	73. 45	158. 45	245. 28	321. 88	799. 06
122	Abbott, H. J.....	79. 86	153. 76	238. 87	325. 82	798. 31
123	Fellows, J. B., jr.....	81. 15	154. 68	239. 14	322. 84	797. 81
124	Fraser, A. D.....	81. 28	153. 53	244. 36	318. 47	797. 64
125	Peckham, G. E.....	80. 25	154. 36	246. 86	314. 80	796. 27
m126	Wright, D. G., jr.....	78. 42	152. 91	240. 41	324. 13	795. 87
127	Theobald, R. A., jr.....	78. 96	151. 48	243. 76	321. 49	795. 69
128	Robertson, E. L., jr.....	82. 17	156. 36	239. 84	316. 51	794. 88
129	Hawk, C. V.....	78. 90	155. 60	246. 73	313. 45	794. 70
130	Gray, A. D.....	80. 18	153. 89	241. 11	319. 10	794. 28
131	Van Mater, S.....	82. 29	148. 05	241. 67	322. 25	794. 26
132	Hunter, R. P.....	78. 12	151. 29	244. 02	320. 47	793. 90
133	Peters, J. M.....	85. 45	154. 42	241. 81	310. 76	792. 44
134	Felton, C. H.....	81. 99	152. 23	239. 31	318. 05	791. 58
135	Carr, B. L.....	81. 18	154. 38	239. 61	316. 25	791. 42
136	Williams, R. C.....	79. 96	152. 21	238. 08	321. 14	791. 39
137	Brooks, C. B., jr.....	79. 68	154. 18	238. 44	317. 97	790. 27

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1931), 443 members, of whom 441 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima.....	100	200	300	400	1,000
138	McAllister, F. C., jr.....	81. 54	151. 64	238. 91	318. 09	790. 18
139	Crane, L. O.....	81. 70	156. 28	241. 52	309. 83	789. 33
140	Kurtz, T. R., jr.....	77. 96	150. 98	238. 48	321. 69	789. 11
141	Soucek, V. H.....	78. 53	156. 59	238. 37	315. 59	789. 08
142	Black, O. F.....	85. 25	163. 26	238. 45	302. 02	788. 98
b143	McKinney, C. W.....	78. 58	156. 20	243. 35	310. 02	788. 15
144	Sisko, W. J.....	79. 57	151. 60	246. 88	309. 86	787. 91
145	Castree, J. F.....	81. 63	160. 93	237. 81	306. 51	786. 88
146	Gaviglio, P. M.....	78. 26	158. 10	240. 21	310. 20	786. 77
147	Fitzgerald, W. H.....	80. 36	151. 28	237. 49	317. 19	786. 32
MC148	Moore, L. S.....	83. 99	154. 91	237. 16	309. 35	785. 41
149	Torgerson, T. A.....	80. 96	151. 63	238. 37	314. 32	785. 28
150	King, V. A.....	80. 06	158. 11	235. 60	310. 53	784. 30
151	Morrow, W. J., jr.....	82. 02	153. 51	237. 90	310. 60	784. 03
152	Bronson, W.....	72. 35	153. 35	233. 87	324. 43	784. 00
153	Williams, L. W.....	81. 00	157. 09	240. 28	305. 52	783. 89
154	Wilson, A. L.....	83. 09	155. 60	232. 37	312. 68	783. 74
155	Sell, C. F.....	79. 98	153. 15	236. 95	313. 49	783. 57
b156	Butterfield, A. W.....	78. 97	157. 71	242. 22	304. 34	783. 24
b157	Langdon, R. H.....	83. 70	154. 70	235. 96	308. 65	783. 01
158	Hudson, R. E.....	82. 12	153. 66	235. 11	312. 02	782. 91
159	Kirkpatrick, C. C.....	77. 71	148. 63	240. 04	316. 31	782. 69
159½	Smith, C. E.....	77. 16	153. 09	236. 40	315. 91	782. 56
160	Fiala, R. P.....	82. 57	153. 64	235. 86	310. 12	782. 19
161	Crane, R. H.....	79. 04	150. 74	241. 12	311. 25	782. 15
162	Steere, R. C.....	78. 13	149. 35	240. 10	314. 48	782. 06
163	Sieglaflf, W. B.....	78. 70	152. 81	236. 67	313. 09	781. 27
164	Wilber, D. T.....	73. 92	148. 99	234. 40	322. 94	780. 25
165	Metsger, A. B.....	80. 39	152. 64	233. 15	313. 98	780. 16
166	Wright, S. B.....	79. 28	150. 21	234. 48	315. 87	779. 84
167	Crommelin, C. L.....	76. 42	152. 51	237. 92	312. 48	779. 33
MC168	Leon, H. S.....	78. 42	149. 64	235. 02	316. 12	779. 20
169	Roessler, A. C.....	78. 55	149. 70	237. 65	312. 48	778. 38
MC170	Brown, N. K.....	80. 53	151. 57	237. 78	308. 36	778. 24
171	Miles, L. T.....	81. 11	154. 90	239. 62	302. 46	778. 09
172	Harper, J. F., jr.....	76. 58	151. 06	239. 63	310. 62	777. 89
173	Anderson, J. S.....	80. 99	153. 06	240. 11	303. 36	777. 52
MC174	Jones, C. R.....	76. 86	147. 28	234. 58	318. 58	777. 30
175	Wheland, K. R.....	79. 27	149. 36	238. 05	310. 35	777. 03
176	Putnam, F. R.....	75. 95	142. 06	238. 32	319. 82	776. 15
177	Cook, C. O., jr.....	78. 18	154. 63	235. 07	308. 19	776. 07
178	Gimber, H. M. S., jr.....	79. 35	147. 89	234. 40	314. 35	775. 99
179	Barker, H. D.....	80. 50	148. 03	239. 63	307. 74	775. 90
180	Ashworth, P. H.....	79. 26	147. 43	240. 68	308. 48	775. 85
181	Shoemaker, C. T.....	82. 07	148. 16	235. 73	309. 88	775. 84
m182	Child, H. P.....	75. 65	153. 34	235. 55	310. 90	775. 44

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1931), 443 members, of whom 441 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima.....	100	200	300	400	1,000
183	Madden, G. B.....	77. 67	146. 72	239. 17	311. 55	775. 11
MC184	Shuey, C. H.....	79. 76	157. 41	233. 41	304. 47	775. 05
185	Beebe, R. P.....	79. 78	150. 01	234. 46	310. 77	775. 02
186	Prockway, J. H.....	77. 01	151. 97	242. 24	303. 16	774. 38
187	Fitzgerald, J. A.....	77. 82	147. 25	240. 40	308. 67	774. 14
MC188	Adams, W. H.....	79. 43	153. 08	236. 65	304. 83	773. 99
m189	Quilter, E. S.....	82. 69	150. 94	233. 20	306. 90	773. 73
MC190	Cook, J. H., jr.....	78. 56	157. 09	237. 48	299. 88	773. 01
191	Forbes, L. Q.....	80. 95	152. 25	230. 92	308. 79	772. 91
192	Lawrence, S. J.....	80. 16	148. 08	235. 31	309. 27	772. 82
193	Klein, M. J.....	69. 84	144. 99	237. 05	320. 72	772. 60
194	Ferguson, E. F.....	80. 30	148. 90	235. 43	307. 84	772. 47
195	Owens, S. D.....	79. 64	153. 10	230. 78	308. 45	771. 97
196	Head, N. M.....	75. 59	142. 54	237. 71	316. 12	771. 96
m197	Wilbur, R. M.....	74. 82	153. 58	235. 73	307. 75	771. 88
m198	Brought, C. F.....	79. 17	151. 98	235. 57	305. 05	771. 77
199	Farquharson, R. B., jr..	78. 79	149. 18	236. 49	307. 20	771. 66
m200	Lief, S. A.....	80. 86	148. 36	232. 49	309. 79	771. 50
201	Hughes, J. N.....	73. 26	146. 03	229. 82	321. 72	770. 83
202	McDonald, E. A.....	77. 87	153. 12	237. 80	301. 94	770. 73
203	McMahon, B. F.....	77. 01	150. 33	237. 58	305. 65	770. 57
204	Mothersill, P. W., jr....	78. 14	146. 96	223. 22	322. 03	770. 35
205	Crowley, J. D.....	78. 58	149. 16	235. 63	306. 88	770. 25
206	Chandler, B. A.....	80. 63	147. 45	233. 33	308. 28	769. 69
207	Field, B. P., jr.....	79. 84	148. 10	232. 90	308. 71	769. 55
208	Smith, J. T.....	78. 00	150. 73	234. 63	306. 17	769. 53
209	Ghetzler, B.....	74. 44	148. 80	233. 44	312. 79	769. 47
m210	Stromback, P. C.....	84. 42	155. 14	232. 00	297. 89	769. 45
211	Marshall, E. E.....	79. 36	147. 41	232. 58	309. 78	769. 13
212	Ketchum, G. L.....	75. 44	148. 89	230. 72	313. 95	769. 00
SC213	Cox, M. H.....	80. 56	158. 27	225. 07	305. 08	768. 98
214	Nelson, S. E.....	74. 63	154. 55	235. 38	303. 81	768. 37
215	Fahle, R. S.....	82. 21	156. 14	230. 33	299. 56	768. 24
216	Johnsen, W. H.....	83. 44	153. 12	235. 29	296. 06	767. 91
217	Bell, A. C.....	77. 31	150. 18	232. 30	308. 09	767. 88
218	Antrim, R. N.....	83. 16	154. 56	229. 37	300. 78	767. 87
219	Meola, V. J.....	81. 53	155. 62	232. 50	297. 84	767. 49
220	Young, A. L., jr.....	79. 84	155. 01	235. 80	296. 82	767. 47
221	Gasterland, C. L. ¹	77. 50	148. 15	234. 19	307. 27	767. 11
222	Hogan, T. W., jr.....	73. 10	148. 55	232. 65	312. 52	766. 82
223	Johnson, H. T.....	77. 04	150. 69	235. 05	303. 78	766. 56
224	Wilson, G. S.....	78. 77	149. 44	234. 25	303. 98	766. 44
225	Thornton, J. T., jr....	75. 44	141. 99	232. 41	316. 10	765. 94
226	Pancake, L. S.....	78. 89	153. 46	229. 67	303. 86	765. 88
MC227	Forney, E. H., jr.....	75. 25	144. 58	236. 26	309. 69	765. 78

¹ Name changed from C. L. Gaasterland.

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1931), 443 members, of whom 441 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima.....	100	200	300	400	1,000
228	Palmer, C. K.....	73. 11	141. 93	231. 36	319. 26	765. 66
229	Bailey, W. C.....	81. 23	150. 24	229. 00	305. 11	765. 58
230	Howe, C. M. 3d.....	79. 60	152. 76	233. 54	299. 64	765. 54
231	Irons, A. H.....	79. 01	149. 77	228. 52	308. 18	765. 48
232	Williams, H., jr.....	74. 52	146. 27	233. 52	311. 06	765. 37
233	Cumberledge, A. A.....	76. 28	146. 98	238. 26	303. 62	765. 14
234	Ryon, W. M.....	76. 55	145. 11	234. 21	309. 19	765. 06
235	Gallaher, W. E.....	74. 02	143. 39	235. 76	311. 86	765. 03
236	Vaughn, C. S.....	74. 30	147. 58	238. 33	304. 61	764. 82
237	Fitts, W. W.....	75. 98	147. 61	232. 76	307. 20	763. 55
238	Steinke, F. S.....	81. 51	152. 16	232. 03	297. 69	763. 39
239	Burns, E. S.....	75. 88	149. 26	231. 05	306. 61	762. 80
240	Williams, J. B.....	78. 24	149. 59	228. 51	306. 35	762. 69
241	Jett, C. M.....	76. 32	145. 49	233. 05	307. 73	762. 59
242	Burt, E. V.....	77. 75	148. 83	229. 53	306. 43	762. 54
b243	Gray, H. D.....	80. 20	154. 04	230. 46	297. 34	762. 04
244	Lucas, C. C.....	77. 98	150. 12	233. 35	300. 30	761. 75
245	Allen, R. W.....	76. 19	146. 62	231. 57	306. 78	761. 16
246	Ellsworth, E. B., jr.....	73. 30	143. 63	234. 12	310. 10	761. 15
247	Shields, W. T.....	75. 66	152. 66	234. 88	297. 57	760. 77
m248	Snow, J. L.....	76. 06	146. 40	232. 07	305. 43	759. 96
b249	Engel, E. L.....	80. 30	154. 04	228. 82	296. 34	759. 50
250	Wilson, A. H., jr.....	71. 88	141. 55	234. 68	311. 35	759. 46
251	McCuddy, W. R.....	74. 46	151. 50	225. 55	307. 25	758. 76
252	Moore, J. R.....	77. 45	146. 39	226. 68	308. 02	758. 54
253	Hughes, W. C., jr.....	74. 54	146. 85	230. 80	306. 13	758. 32
254	O'Toole, J. M.....	74. 86	145. 92	234. 14	302. 85	757. 77
MC255	White, J. A.....	81. 73	146. 13	222. 63	307. 03	757. 52
256	Huntley, J. D.....	73. 20	140. 85	234. 30	309. 05	757. 40
257	Tucker, A. B., 3d.....	74. 47	139. 27	231. 64	311. 70	757. 08
258	Gilbert, R. O., jr.....	82. 58	144. 25	224. 70	305. 50	757. 03
259	Grant, J. D.....	76. 63	144. 40	232. 62	303. 31	756. 96
260	Wier, H. R.....	81. 24	149. 90	223. 61	301. 83	756. 58
261	Warman, N. E.....	75. 02	148. 25	228. 95	303. 84	756. 06
262	Werts, C. L.....	79. 42	149. 77	227. 28	299. 42	755. 89
MC263	Taxis, S. G.....	74. 85	141. 28	227. 96	311. 73	755. 82
264	Gannon, J. W.....	78. 21	147. 05	230. 73	299. 60	755. 59
MC265	Dillon, E. J.....	76. 23	144. 79	230. 91	303. 50	755. 43
266	Cone, J. I.....	77. 56	146. 20	229. 61	301. 50	754. 87
267	Hall, M., jr.....	77. 25	145. 33	228. 39	303. 89	754. 86
268	Holtz, A. H.....	76. 98	147. 54	230. 84	299. 05	754. 41
269	McKay, B. M.....	76. 98	148. 46	224. 84	304. 12	754. 40
270	Stuart, D. A.....	73. 23	145. 36	232. 57	302. 99	754. 15
271	Bellis, L. J.....	75. 96	141. 98	226. 34	309. 42	753. 70
272	Jones, R. E. C.....	77. 97	148. 86	228. 66	297. 95	753. 44
273	Foster, E. L.....	73. 76	143. 86	228. 08	307. 58	753. 28

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1931), 443 members, of whom 441 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima.....	100	200	300	400	1,000
274	Leverton, J. W., jr.....	73. 91	147. 33	226. 08	305. 75	733. 07
275	Thompson, W. R.....	73. 27	144. 67	228. 72	306. 34	753. 00
276	Jensen, M. J.....	73. 62	143. 71	227. 56	307. 79	752. 68
277	Walpole, K. C.....	75. 19	142. 86	233. 68	300. 61	752. 34
278	Kirkpatrick, J. E.....	78. 90	146. 88	229. 57	296. 76	752. 11
m279	Mathews, J. A., jr.....	79. 09	146. 31	228. 55	297. 54	751. 49
280	Dempsey, J. C.....	74. 85	143. 12	229. 83	303. 33	751. 13
MC281	Larson, H. I.....	75. 42	148. 37	230. 08	296. 77	750. 64
m282	Hunter, W. A., jr.....	75. 51	147. 58	232. 97	294. 49	750. 55
283	Aldrich, C. W.....	76. 27	146. 87	221. 47	305. 92	750. 53
m284	Wackwitz, D. N.....	78. 91	151. 53	230. 07	289. 47	749. 98
285	Kirkpatrick, C. E.....	72. 84	143. 02	228. 75	305. 36	749. 97
286	Hamm, M.....	72. 60	149. 09	228. 45	299. 50	749. 64
287	Will, P. K.....	77. 33	145. 43	226. 69	300. 18	749. 63
288	Garton, W. M., jr.....	75. 87	146. 75	227. 77	298. 68	749. 07
289	Corliss, W. G.....	72. 57	141. 48	230. 13	304. 33	748. 51
b290	Wright, F. W., jr.....	75. 76	145. 61	223. 05	304. 02	748. 44
291	Stewart, W. J.....	74. 85	144. 41	228. 02	301. 06	748. 34
SC292	Tripi, I. N.....	77. 76	147. 91	223. 87	298. 55	748. 09
293	Copeman, T. H.....	75. 28	141. 24	228. 42	302. 98	747. 92
294	Wirtz, P. L.....	74. 43	146. 81	226. 21	299. 83	747. 28
295	Crumpacker, J. W.....	76. 12	145. 72	227. 66	297. 52	747. 02
296	Weiler, J. B.....	75. 49	143. 80	225. 03	302. 63	746. 95
297	Drake, H. M.....	76. 25	146. 53	232. 31	291. 54	746. 63
298	Wallace, F. L.....	75. 16	145. 72	224. 20	301. 48	746. 56
m299	Engelhardt, E. P.....	77. 11	158. 61	222. 40	288. 20	746. 32
m300	DeYoung, H. G.....	74. 41	144. 87	230. 31	296. 52	746. 11
301	Hall, N.....	75. 30	139. 73	226. 26	304. 17	745. 46
m302	Forde, G. S. J.....	76. 54	147. 62	230. 35	290. 72	745. 23
303	Straub, C. T.....	78. 69	145. 48	226. 77	294. 21	745. 15
m304	Berthold, K. C.....	74. 14	145. 27	226. 05	299. 67	745. 13
305	Shaffer, L. G.....	77. 24	144. 84	222. 59	300. 18	744. 85
306	Parham, J. C., jr.....	73. 63	144. 61	230. 37	296. 01	744. 62
307	Vredenburg, J. B.....	74. 89	141. 02	227. 51	301. 08	744. 50
308	Hoye, F. W.....	76. 91	143. 23	224. 16	300. 16	744. 46
309	Giles, W. J., jr.....	77. 87	145. 40	224. 56	296. 41	744. 24
m310	Maloney, J. L.....	73. 49	140. 46	224. 93	304. 82	743. 70
b311	Zuntag, A. A.....	73. 90	151. 12	223. 37	295. 20	743. 59
312	Richardson, A. F.....	81. 99	146. 20	226. 14	289. 08	743. 41
313	Roscoe, D. L., jr.....	73. 64	141. 84	226. 91	300. 79	743. 18
m314	McCracken, J. D.....	76. 81	142. 98	224. 03	298. 82	742. 64
315	Hammond, D. T.....	74. 45	145. 54	225. 97	295. 66	741. 62
316	Reese, J. S.....	77. 61	147. 81	227. 28	288. 69	741. 39
317	King, R. D.....	75. 72	139. 50	223. 93	302. 16	741. 31
318	Byng, J. W.....	74. 50	142. 01	225. 82	298. 94	741. 27
319	Wood, L. O.....	74. 65	144. 21	223. 99	298. 17	741. 02

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1931), 443 members, of whom 441 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima.....	100	200	300	400	1,000
320	Hollingsworth, J. C.	74. 19	142. 78	227. 69	296. 24	740. 90
321	Evans, E. E.	75. 37	143. 06	228. 87	293. 46	740. 76
322	Swain, J. B.	73. 73	140. 97	224. 02	301. 29	740. 01
323	Andrews, R. S.	75. 03	143. 45	222. 56	298. 94	739. 98
324	Iverson, C.	72. 78	138. 99	228. 17	300. 03	739. 97
325	Lyon, H. B.	77. 06	144. 04	219. 49	299. 35	739. 94
MC326	Moss, C. R.	73. 79	144. 01	222. 57	298. 67	739. 04
327	Black, J. D.	73. 67	142. 27	225. 61	297. 43	738. 98
328	Hill, A. J., jr.	74. 08	144. 13	225. 71	294. 72	738. 64
329	Smith, A. J.	74. 07	145. 77	225. 70	292. 98	738. 52
m330	Grinstead, L.	74. 94	145. 22	225. 02	293. 28	738. 46
MC331	Holcomb, B. T., jr.	72. 68	142. 73	224. 87	298. 12	738. 40
332	Gould, F. G.	75. 43	141. 42	224. 73	296. 75	738. 33
333	Alston, A. H., jr.	71. 39	136. 31	227. 29	302. 78	737. 77
m334	Scrivner, F. H.	74. 22	147. 39	222. 86	293. 26	737. 73
335	Peters, F. M., jr.	74. 25	138. 67	222. 13	302. 47	737. 53
MC336	Wieseman, F. L.	72. 59	138. 37	226. 30	300. 07	737. 33
337	Jacobs, R. H.	76. 09	138. 91	218. 38	303. 40	736. 78
338	Jones, R. F.	73. 07	144. 78	225. 23	293. 40	736. 48
339	Lillis, B. C., jr.	73. 70	140. 05	226. 73	295. 99	736. 47
340	Freshour, W. M.	73. 88	140. 22	223. 91	298. 03	736. 04
341	Longton, E. W.	78. 44	148. 91	221. 79	286. 88	736. 02
342	Fawcett, J. I.	78. 45	140. 92	224. 10	292. 51	735. 98
343	Payne, T. B.	73. 02	142. 83	220. 60	299. 40	735. 85
344	Dunn, W. A.	77. 42	141. 79	226. 57	289. 82	735. 60
345	O'Brien, J. E.	73. 74	140. 97	225. 89	294. 84	735. 44
346	O'Neill, E. J.	72. 86	142. 22	219. 97	299. 49	734. 54
347	Myer, J. A.	73. 77	139. 45	223. 90	297. 38	734. 50
348	Cassedy, H.	69. 50	140. 58	221. 45	302. 04	733. 57
MC349	Brown, R. S.	71. 72	140. 66	218. 19	302. 79	733. 36
350	Beckmann, A. G.	70. 30	142. 19	222. 45	297. 99	732. 93
350½	Bingham, E. M.	75. 18	146. 19	225. 60	285. 95	732. 92
351	Gillespie, T. E.	74. 23	140. 43	225. 29	292. 74	732. 69
352	Just, J. F.	77. 95	141. 80	221. 51	290. 01	731. 27
353	Clarke, P. W.	74. 69	142. 74	222. 81	291. 01	731. 25
354	Smith, N. E.	75. 10	141. 25	224. 62	290. 13	731. 10
m355	McManus, G. B.	76. 21	138. 84	225. 18	289. 90	730. 13
356	Moses, McD.	71. 81	140. 72	216. 37	301. 07	729. 97
357	Huff, G. P.	75. 39	140. 88	219. 69	293. 62	729. 58
358	South, J. C., jr.	75. 49	143. 32	216. 73	293. 35	728. 89
359	Crinkley, F. D.	77. 95	148. 42	215. 46	286. 88	728. 71
360	Phifer, T. C.	73. 54	139. 33	220. 32	295. 40	728. 59
361	Bowstrom, R. M.	77. 23	143. 42	222. 64	285. 25	728. 54
m362	Slater, S. J.	79. 19	144. 43	219. 30	284. 94	727. 86
m362½	Massingill, R. L.	78. 59	145. 93	220. 60	282. 19	727. 31
363	Woodaman, R. J.	77. 37	142. 81	222. 80	284. 22	727. 20

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1931), 443 members, of whom 441 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima	100	200	300	400	1,000
364	Yancey, E. W.....	76. 61	146. 52	220. 12	283. 90	727. 15
365	Peterson, R. W.....	75. 73	142. 70	217. 95	290. 40	726. 78
366	Cooper, R. W.....	76. 85	143. 37	221. 61	284. 90	726. 73
367	Adair, N., jr.....	75. 12	144. 44	218. 54	288. 59	726. 69
368	Cooke, E. S.....	74. 02	138. 10	223. 86	290. 48	726. 46
369	Mott, C. E.....	76. 28	143. 19	219. 25	287. 54	726. 26
370	Myhre, F. B. T.....	72. 02	140. 51	220. 96	292. 56	726. 05
371	Motes, J. H., jr.....	74. 57	143. 03	223. 06	285. 00	725. 66
372	Todd, D. W.....	72. 69	139. 12	214. 08	299. 29	725. 18
373	Nelson, R. H.....	74. 99	142. 92	217. 22	289. 69	724. 82
374	McCracken, R. R.....	73. 64	135. 32	221. 27	294. 00	724. 23
375	Bass, R. H.....	70. 68	146. 07	224. 38	282. 98	724. 11
376	Massey, F.....	72. 94	138. 29	218. 38	294. 30	723. 91
377	Lytle, E. S., jr.....	72. 83	143. 38	218. 31	289. 18	723. 70
378	Brace, F. R.....	76. 41	140. 51	221. 10	285. 44	723. 46
379	Hale, H. H.....	77. 49	142. 02	216. 99	286. 91	723. 41
380	Mackert, R. W.....	77. 60	141. 39	216. 82	287. 08	722. 89
MC381	Cooper, H. C.....	71. 94	147. 02	215. 09	288. 50	722. 55
382	Morris, D. S.....	72. 54	141. 53	216. 22	292. 18	722. 47
383	Jones, A. A.....	78. 69	139. 96	215. 75	287. 73	722. 13
384	Stewart, A. P.....	73. 29	142. 67	218. 15	287. 05	721. 16
385	Becton, F. J.....	76. 17	145. 89	211. 42	287. 11	720. 59
386	Stafford, A. E.....	73. 92	141. 61	221. 02	284. 04	720. 59
b387	Day, C. A.....	75. 65	140. 49	216. 14	288. 19	720. 47
387½	Gillette, R. G.....	77. 60	144. 11	215. 15	282. 69	719. 55
SC388	Keithley, C. L.....	74. 28	139. 94	220. 38	284. 60	719. 20
389	Williamson, F. T.....	71. 65	140. 16	217. 53	289. 84	719. 18
390	Graham, D. S.....	72. 34	137. 44	216. 30	292. 09	718. 17
391	Sampson, R. R.....	74. 56	139. 77	217. 24	286. 35	717. 92
MC392	Fojt, R. E.....	74. 23	147. 37	214. 40	281. 40	717. 40
393	Pearce, H. A.....	75. 65	146. 53	218. 83	276. 33	717. 34
394	Hawkins, C.....	73. 86	137. 11	217. 85	288. 11	716. 93
395	Miller, J. A.....	75. 53	141. 51	215. 36	284. 42	716. 82
SC396	Wright, W. R.....	73. 40	140. 36	216. 75	285. 95	716. 46
397	Porter, S. H.....	71. 09	134. 10	224. 35	285. 58	715. 12
398	Nolan, R. L., jr.....	73. 65	138. 95	214. 47	288. 02	715. 09
399	Wickens, J. L.....	72. 68	144. 11	211. 63	286. 10	714. 52
400	Brush, F. J.....	72. 14	138. 94	216. 58	286. 77	714. 43
401	Jung, K. E.....	75. 09	141. 67	211. 86	285. 37	713. 99
402	Martin, M. T.....	73. 78	139. 14	214. 87	285. 61	713. 40
403	Murphy, J. A.....	75. 44	142. 54	218. 94	276. 12	713. 04
404	O'Connor, M. G.....	69. 06	135. 30	212. 09	296. 43	712. 88
405	Myers, H.....	77. 40	140. 33	216. 98	277. 75	712. 46
406	Johnson, W. O.....	74. 28	139. 34	216. 08	282. 61	712. 31
407	Copeland, N. C.....	74. 23	141. 80	207. 44	287. 97	711. 44
MC 408	Pottinger, W. K.....	77. 69	143. 83	213. 36	275. 79	710. 67

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1931), 443 members, of whom 441 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima.....	100	200	300	400	1,000
408½	Ritchie, C. A.....	74. 41	143. 76	215. 57	276. 84	710. 58
409	Cook, L. B.....	74. 02	140. 13	215. 18	280. 65	709. 98
410	McKaig, W. V.....	72. 01	137. 59	216. 47	282. 64	708. 71
411	Farrington, E. L.....	74. 67	141. 03	212. 89	280. 12	708. 71
412	Woods, W. P.....	70. 99	136. 56	215. 50	285. 13	708. 18
m413	White, R. 3d.....	72. 32	136. 03	217. 79	281. 88	708. 02
414	Smith, J. E., jr.....	71. 99	138. 39	212. 37	284. 65	707. 40
415	Molumphy, G. G.....	75. 99	139. 20	210. 10	282. 09	707. 38
MC416	King, B. W.....	71. 48	139. 30	210. 88	285. 44	707. 10
417	Norvell, W. C.....	75. 52	141. 00	210. 82	279. 28	706. 62
418	McCain, J. S., jr.....	68. 65	139. 93	218. 57	279. 36	706. 51
419	Cashman, J. D.....	76. 08	139. 73	211. 98	278. 65	706. 44
420	Freeman, G. F.....	71. 09	138. 27	215. 16	281. 89	706. 41
421	Allen, E. H.....	75. 87	146. 84	218. 31	264. 48	705. 50
422	Seidel, H. E., jr.....	72. 58	139. 90	212. 57	279. 58	704. 63
423	Gardiner, J. M.....	72. 79	140. 95	213. 57	277. 13	704. 44
424	Davis, D. I.....	71. 58	136. 57	213. 67	282. 61	704. 43
425	Davis, J. H.....	69. 74	138. 52	213. 93	279. 20	701. 39
426	Parsons, W. K.....	72. 51	136. 03	211. 27	280. 76	700. 57
b427	Sanns, N. J.....	72. 07	137. 69	216. 28	271. 76	697. 80
SC428	Kinzie, F. A.....	70. 78	137. 87	210. 68	277. 47	696. 80
SC429	Freeberg, S. A.....	76. 98	138. 33	207. 01	273. 45	695. 77
m430	McFarlane, D. J.....	69. 45	138. 33	210. 70	275. 18	693. 66
431	DeMetropolis, G.....	71. 90	135. 61	209. 54	275. 26	692. 31
SC432	Trenholme, E. P.....	72. 02	139. 01	210. 66	270. 34	692. 03
433	Toth, J. C.....	71. 24	137. 35	209. 75	273. 03	691. 37
SC434	Moring, W. E.....	73. 43	136. 19	207. 95	270. 29	687. 86
435	Morrow, C. A., jr.....	71. 89	135. 71	202. 11	271. 22	680. 93
wr	Barr, C. H.....	73. 55	144. 19	236. 74	(a)	Inc.
w	Thorn, W. A.....	78. 61	153. 70	238. 34	(a)	Inc.

Merit roll of the midshipmen of the graduating class (class of

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
88	Abbott, Howard Joseph.....	Iowa.....	June 22, 1927	17	1	5	14
370	Adair, Noah, jr.....	Arizona.....	June 15, 1927	18	10	5	14
MC240	Adams, Wayne Horace.....	Illinois.....	July 2, 1927	19	11	5	14
230	Aldrich, Charles Warren.....	California.....	June 23, 1927	18	10	5	14
435	Allen, Edward Henry.....	North Dakota.....	June 14, 1927	19	3	5	14
221	Allen, Robbins Woodhouse.....	Connecticut.....	July 15, 1927	17	10	5	14
61	Almgren, Charles Raymond.....	Illinois.....	June 16, 1927	18	7	5	14
266	Alston, Augustus Howard, jr.....	Georgia.....	do.....	19	10	5	14
m149	Anderson, Charles Edison.....	do.....	June 15, 1927	18	8	5	14
258	Anderson, Jay Stephens.....	Montana.....	June 14, 1927	19	1	5	14
*4	Anderson, Richard Kerfoot.....	Kentucky.....	June 15, 1927	17	7	5	14
303	Andrews, Richard Stottko.....	New Mexico.....	June 30, 1927	19	11	5	14
281	Antrim, Richard Nott.....	Indiana.....	June 20, 1927	19	6	4	2
200	Ashworth, Philip Hamilton.....	Massachusetts.....	June 13, 1927	18	9	5	14
58	Ashworth, Thomas, jr.....	Idaho.....	do.....	18	10	5	14
237	Bailey, Walter Clyde.....	California.....	June 30, 1927	18	4	5	14
211	Barker, Horace Dill.....	New Jersey.....	June 14, 1927	19	8	5	14
wr	Barr, Allen Chamberlain.....	California.....	June 30, 1927	19	7	5	14
405	Bass, Raymond Henry.....	Arkansas.....	June 29, 1927	16	6	5	14
m183	Bater, Harold.....	New Jersey.....	June 14, 1927	18	8	5	14
m*17	Bauer, Dale Albert.....	Nebraska.....	June 16, 1927	19	9	4	2
312	Beckmann, Alcorn Gustav.....	Missouri.....	do.....	19	11	5	14
379	Becton, Frederick Julian.....	Arkansas.....	June 15, 1927	19	1	5	14
174	Beebe, Robert Park.....	Utah.....	June 21, 1927	17	7	5	14
206	Bell, Allen Chamberlain.....	North Carolina.....	June 16, 1927	18	8	5	14
191	Bellis, Louis Joseph.....	New York.....	do.....	19	4	5	14
m291	Berthold, Kenneth Carmel.....	Massachusetts.....	June 17, 1927	19	3	5	14
*24	Betts, Sherman Wilcox.....	New York.....	June 14, 1927	17	8	5	14
83	Biglow, James Otis.....	Ohio.....	do.....	19	9	5	14
388	Bingham, Edward Meade.....	Virginia.....	June 30, 1927	20	2	5	14
297	Black, Joseph Dean.....	Illinois.....	June 13, 1927	18	5	5	14
272	Black, Orrin Franklin.....	Kentucky.....	June 15, 1927	20	2	4	2
51	Blessman, Edward Martin.....	Wisconsin.....	June 21, 1927	19	6	5	14
49	Booth, Charles Thomas, 2d.....	Massachusetts.....	do.....	17	5	5	14
394	Bowstrom, Robert Milton.....	Michigan.....	July 15, 1927	19	9	4	2
391	Brace, Frederic Richard.....	California.....	Aug. 20, 1926	18	1	5	14
m239	Brought, Charles Franklin.....	Pennsylvania.....	June 21, 1927	17	0	5	0
37	Braun, William Baumert.....	New Jersey.....	June 14, 1927	17	10	5	14
261	Brockway, John Hadley.....	Wyoming.....	June 23, 1927	17	0	5	14
94	Bronson, Ward.....	New York.....	Aug. 1, 1927	16	11	5	14
133	Brooks, Charles Ballance, jr.....	Tennessee.....	June 20, 1927	17	2	5	14
38	Brossy, Henry Earl.....	New York.....	June 30, 1927	18	11	5	14
98	Brown, Elliott Mitchell.....	Utah.....	June 14, 1927	19	10	5	14
MC202	Brown, Nelson Kenyon.....	Pennsylvania.....	July 5, 1927	18	6	5	14
MC265	Brown, Robert Samuel.....	Arkansas.....	July 11, 1927	19	11	5	14
MC*19	Brunelli, Austin Roger.....	New Mexico.....	June 17, 1927	19	10	5	14
385	Brush, Frederick James.....	Pennsylvania.....	July 5, 1927	18	11	5	14
m81	Buchholz, Gustavus William, jr.....	North Carolina.....	June 17, 1927	18	11	5	14
222	Burns, Edward Stitt.....	Alabama.....	June 15, 1927	18	10	5	14
224	Burt, Eugene Vosburgh.....	Minnesota.....	June 16, 1927	18	1	5	14
b244	Butterfield, Albert William.....	Illinois.....	Aug. 8, 1927	17	8	5	14
303	Byng, John Weston.....	New York.....	Sept. 14, 1927	18	8	3	23
SC*9	Callaway, Peyton Parks.....	Missouri.....	June 14, 1927	19	5	5	14
140	Carr, Bruce Lewis.....	Ohio.....	June 21, 1927	19	11	5	14

1931), 443 members, for the last year of their academic course

Seaman- ship and flight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aero- nautics	Electrical engineer- ing and physics	English and his- tory	Lan- guages	Hygiene	Aptitude for service	Aggre- gate fourth year
Maximum									
64	64	40	56	64	20	16	8	68	400
56.80	50.88	31.05	41.86	49.28	15.60	13.96	6.72	59.67	325.82
48.88	45.84	30.95	38.01	43.60	13.05	12.72	6.58	48.96	288.59
52.16	46.40	28.50	38.92	45.12	15.85	14.96	6.14	56.78	304.83
53.36	47.60	28.35	39.97	47.92	16.60	13.56	6.88	51.68	305.92
43.44	42.64	26.50	36.19	40.64	12.80	9.92	5.94	46.41	284.48
50.72	51.12	33.50	41.93	44.88	14.40	12.08	6.98	51.17	306.78
55.12	52.96	32.40	47.11	52.16	15.75	11.68	7.32	57.63	332.13
49.28	46.80	30.65	39.76	44.16	13.20	11.52	6.38	61.03	302.78
50.64	54.08	31.90	43.12	46.72	15.15	12.60	6.72	53.72	314.65
50.32	46.00	29.15	39.90	44.16	14.60	13.08	6.82	59.33	303.36
59.60	54.96	35.80	49.21	54.80	17.30	13.48	7.52	62.56	355.23
50.72	46.56	27.85	37.52	43.36	14.00	12.68	7.26	58.99	298.94
49.44	46.56	29.50	40.18	44.64	15.45	11.56	6.84	56.61	300.78
51.68	46.64	31.65	41.58	46.16	13.55	10.68	6.70	59.84	308.48
53.76	54.96	33.40	47.88	51.92	14.95	12.80	6.58	57.12	333.37
52.64	46.64	29.00	39.97	46.88	14.65	13.12	6.62	55.59	305.11
50.40	48.16	30.55	42.28	47.44	16.45	12.96	7.14	52.36	307.74
(a)	(a)	(a)	(a)	(a)	(a)	11.92	6.46	58.31	Inc.
47.84	44.88	29.15	37.80	43.28	12.80	10.64	6.10	50.49	282.98
51.20	52.16	34.25	42.21	47.36	15.25	11.72	6.76	49.13	310.04
56.16	53.84	35.40	47.67	53.52	16.25	12.68	7.64	63.75	346.91
50.40	44.64	28.55	40.39	43.60	14.75	11.76	7.12	56.78	297.99
46.80	42.88	27.90	38.99	43.04	14.40	11.92	6.44	54.74	287.11
52.16	50.88	34.05	41.09	46.56	13.75	11.32	6.56	54.40	310.77
51.44	47.44	31.05	41.30	45.68	14.35	11.36	6.48	58.99	308.09
52.64	48.16	30.95	41.86	45.92	15.85	11.60	7.36	55.08	309.42
49.84	49.60	31.90	39.27	42.08	14.45	13.12	6.88	52.53	299.67
58.08	53.60	36.45	46.83	51.36	15.95	13.08	7.30	61.20	343.85
54.00	51.52	33.80	45.57	53.36	14.95	11.40	7.14	54.74	326.48
46.16	42.64	26.65	39.34	42.24	13.90	11.12	6.44	57.46	285.95
49.28	45.28	29.90	39.06	42.48	14.00	10.96	6.80	59.67	297.43
49.12	47.76	31.30	41.72	48.40	14.60	12.96	6.52	49.64	302.02
57.60	55.68	35.05	45.50	47.84	14.65	13.92	6.62	59.16	336.02
57.20	54.56	32.05	45.71	52.40	15.65	14.04	6.88	57.80	336.29
45.20	43.60	26.35	37.10	41.36	13.20	12.12	6.82	59.50	285.25
50.96	43.04	28.65	38.43	45.92	12.60	12.40	6.52	46.92	285.44
48.40	47.20	31.15	40.04	45.76	13.25	10.52	7.02	61.71	305.05
56.56	53.28	36.15	47.25	53.36	14.80	12.92	7.08	56.78	338.18
49.12	48.56	29.05	38.43	45.84	14.45	14.52	7.26	55.93	303.16
52.56	49.28	32.40	44.31	52.56	14.10	11.72	6.98	60.52	324.43
52.16	49.68	34.05	44.24	48.00	13.50	12.00	6.88	57.46	317.97
58.96	53.84	35.40	46.55	52.88	17.35	11.72	7.28	54.06	338.04
53.44	50.64	33.05	44.59	47.76	15.10	11.80	7.22	60.01	323.61
51.28	48.48	30.80	40.11	44.24	14.65	13.24	7.08	58.48	308.36
52.08	47.92	30.00	39.06	42.88	13.80	12.76	7.00	57.29	302.79
55.36	54.08	35.55	46.55	56.08	15.80	13.92	7.12	61.83	346.34
45.84	45.20	28.55	39.97	42.64	14.80	11.00	7.26	51.51	286.77
53.76	51.28	33.40	46.06	49.04	15.00	12.40	6.84	59.33	327.11
53.44	48.64	31.70	42.49	45.20	14.90	11.44	6.44	52.36	306.61
47.44	46.88	29.80	43.96	46.24	14.15	12.44	6.70	58.82	306.43
49.52	49.36	31.90	43.40	44.72	14.00	11.16	7.58	52.70	304.34
49.04	46.83	29.20	39.48	46.00	13.80	11.76	6.68	56.10	298.94
59.52	56.16	34.15	46.13	55.12	17.55	13.52	7.52	60.52	350.19
53.04	49.60	32.35	44.38	48.72	15.90	12.44	7.12	52.70	311.25

Merit roll of the midshipmen of the graduating class (class of

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
420	Cashman, John Daniel.....	California.....	June 30, 1927	18	6	5	14
271	Cassedy, Hiram.....	Mississippi.....	June 16, 1927	18	11	5	14
223	Castree, John Fordyce.....	Pennsylvania.....	June 30, 1927	19	8	4	2
203	Chandler, Bryant Ackiey.....	New York.....	June 23, 1927	18	8	5	14
73	Chew, John Louis.....	Georgia.....	June 28, 1927	17	9	5	14
m173	Child, Harris Petrikin.....	Pennsylvania.....	June 21, 1927	17	6	5	14
356	Clarke, Paul Walker.....	Virginia.....	June 20, 1927	19	1	5	14
*7	Colwell, John Barr.....	Nebraska.....	June 21, 1927	17	7	5	14
274	Cone, James Ingham.....	Florida.....	June 13, 1927	19	0	5	14
204	Cook, Charles Olney, jr.....	Michigan.....	June 17, 1927	16	4	5	14
MC289	Cook, John Henry, jr.....	At large (Pres.).....	Aug. 4, 1927	19	4	5	14
414	Cook, Lawrence Blanchard.....	New Hampshire.....	June 16, 1927	19	9	5	14
358	Cooke, Eb Smith.....	Mississippi.....	June 21, 1927	18	7	5	14
MC371	Cooper, Harlan Cyril.....	Indiana.....	July 2, 1927	19	5	5	14
398	Cooper, Robert Ward.....	New York.....	June 20, 1927	18	4	5	14
376	Copeland, Nathaniel Carroll.....	California.....	June 13, 1927	19	11	5	14
263	Copeman, Thomas Henry.....	Pennsylvania.....	June 20, 1927	20	2	5	14
245	Corliss, Warren George.....	Vermont.....	July 12, 1927	17	1	5	14
SC238	Cox, Marshall Herbert.....	California.....	June 15, 1927	19	11	5	14
187	Crane, Leo O.....	P. A. 348 (Pres.).....	do.....	19	7	4	16
171	Crane, Richard Henry.....	Connecticut.....	June 14, 1927	19	2	5	14
383	Crinkley, Francis Duke.....	North Carolina.....	June 30, 1927	19	5	3	2
163	Crommelin, Charles Lawrence.....	Alabama.....	June 21, 1927	18	3	5	14
220	Crowley, John Daniel.....	Massachusetts.....	Aug. 11, 1927	18	11	5	14
319	Crumpacker, John Webber.....	Indiana.....	July 13, 1927	19	0	5	14
46	Cullinan, Ralph, jr.....	New York.....	June 20, 1927	18	3	5	14
255	Cumberledge, Arthur Albert.....	Ohio.....	June 29, 1927	19	1	5	14
50	Cummings, Damon Morris.....	At large (Pres.).....	June 20, 1927	17	5	5	14
134	Daniels, Arthur Noyes.....	California.....	June 13, 1927	18	8	3	4
107	Daniels, Donald Vickers.....	South Dakota.....	June 14, 1927	18	0	5	14
407	Davis, DeAtley Ingalls.....	Kansas.....	June 15, 1927	18	4	5	14
419	Davis, James Henry.....	Utah.....	June 14, 1927	20	1	5	14
b373	Day, Carl Albert.....	Kansas.....	June 23, 1927	19	10	5	14
75	Day, Edward Maynard.....	Pennsylvania.....	June 14, 1927	17	4	5	14
427	DeMetropolis, George.....	New York.....	June 16, 1927	18	2	5	14
259	Dempsey, James Charles.....	At large (Pres.).....	June 14, 1927	18	9	5	14
m326	De Young, Henry George.....	Michigan.....	June 16, 1927	19	11	5	14
MC256	Dillon, Edward James.....	New York.....	do.....	20	0	5	14
113	Dodson, Lucian Frank.....	Illinois.....	June 13, 1927	18	11	5	14
*32	Dorsett, John Orem Fillmore.....	Indiana.....	June 15, 1927	20	0	5	14
355	Drake, Harrington Max.....	California.....	July 11, 1927	18	2	5	14
364	Dunn, William Archer.....	Mississippi.....	June 21, 1927	20	2	5	14
76	Elden, Ralph Waldo.....	Oregon.....	June 14, 1927	19	11	5	14
90	Ellis, Lee Adrian.....	Wisconsin.....	June 20, 1927	19	9	5	14
182	Ellsworth, Ernest Bradford, jr.....	Connecticut.....	July 12, 1927	17	10	5	14
b329	Engel, Edmund Lyford.....	Washington.....	do.....	17	10	5	14
m372	Engelhardt, Egon Paul.....	New York.....	June 18, 1926	20	2	8	8
54	Ernest, Ralph Nelson.....	Pennsylvania.....	June 30, 1927	19	4	5	14
344	Evans, Ernest Edwin.....	Oklahoma.....	June 29, 1927	18	11	5	14
104	Fabian, Rudolph Joseph.....	Montana.....	June 21, 1927	19	1	5	14
294	Fahle, Robert Schley.....	Texas.....	do.....	17	11	5	14
216	Farquharson, Robert Burns, jr.....	Vermont.....	June 20, 1927	17	1	5	14
415	Farrington, Elwin Levi.....	California.....	June 28, 1927	19	8	5	14
352	Fawcett, James Isaac.....	Illinois.....	June 29, 1927	18	11	5	14

1931), 443 members, for the last year of their academic course—Continued

Seaman- ship and fight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aero- nautics	Electrical engineer- ing and physics	English and his- tory	Lan- guages	Hygiene	Aptitude for service	Aggre- gate fourth year
Maximum									
64	64	40	56	64	20	16	8	68	400
44.96	43.12	26.35	37.52	42.56	13.75	12.04	6.50	51.85	278.65
52.32	47.28	28.30	40.25	43.92	14.45	10.84	7.22	57.46	302.04
51.20	49.20	28.90	40.81	46.32	15.10	10.84	7.70	56.44	306.51
53.12	48.16	29.90	39.34	44.56	14.15	13.04	6.68	59.33	308.28
56.96	51.36	32.20	45.15	49.04	15.60	12.32	7.20	60.01	329.84
53.44	48.80	32.85	41.65	48.32	14.00	11.24	6.20	54.40	310.90
49.12	45.84	29.35	38.57	43.52	14.25	10.52	6.46	53.38	291.01
57.52	55.28	36.30	47.53	57.28	17.05	14.00	7.14	60.18	352.28
51.84	49.76	31.15	38.99	45.76	15.10	11.56	7.02	50.32	301.50
53.76	46.24	30.15	40.18	44.56	16.50	12.72	6.62	57.46	308.19
50.08	47.44	30.35	43.47	46.80	12.85	11.04	6.68	51.17	299.88
45.12	42.44	26.95	36.68	40.96	14.00	11.12	6.96	55.42	280.65
48.56	45.92	29.20	40.04	44.48	14.15	11.36	7.30	49.47	290.48
49.12	42.00	26.15	38.57	43.84	14.80	11.56	6.70	55.76	288.50
47.36	43.84	26.80	38.78	40.96	14.60	12.60	6.58	53.38	284.90
47.36	44.48	27.50	38.22	42.08	15.55	12.24	6.82	53.72	287.97
51.20	49.04	29.10	41.23	43.36	14.45	11.80	6.70	56.10	302.98
53.12	48.40	29.55	42.84	44.80	15.05	12.28	6.10	52.19	304.33
54.24	44.96	30.05	38.92	44.00	16.05	15.24	7.22	54.40	305.08
52.16	50.24	31.40	42.00	49.52	14.70	12.28	6.70	50.83	309.83
53.04	50.40	29.10	40.88	44.48	14.35	14.24	6.62	58.14	311.25
48.16	44.48	28.10	38.36	43.68	14.60	11.56	6.94	51.00	286.88
52.56	50.08	30.00	42.28	46.08	15.00	12.08	6.26	58.14	312.48
51.60	51.20	29.70	42.28	46.80	14.50	11.08	6.68	53.04	306.88
51.52	45.28	28.65	40.25	43.28	14.10	10.96	7.04	56.44	297.52
56.56	53.12	32.05	45.78	47.84	15.45	15.12	7.44	63.41	336.77
51.04	48.32	30.60	43.82	46.96	14.00	11.28	7.28	50.32	303.62
59.04	51.76	32.35	43.68	51.60	17.95	14.24	7.48	58.14	336.24
53.92	49.12	31.35	45.01	51.12	13.40	13.24	7.42	53.38	317.96
52.00	50.96	32.25	43.47	50.48	15.35	10.56	7.00	59.84	321.91
47.60	42.72	27.15	37.10	42.72	14.75	12.96	6.78	50.83	282.61
44.48	42.64	26.45	38.29	41.76	14.25	11.36	7.10	52.87	279.20
48.08	44.88	28.00	38.57	42.96	14.70	10.56	6.38	54.06	288.19
53.12	54.56	34.35	48.51	57.36	15.20	14.24	5.98	45.90	329.22
43.84	42.80	27.15	36.96	42.32	13.70	10.96	6.70	50.83	275.26
50.56	49.12	27.50	39.27	42.16	15.25	12.44	7.02	60.01	303.33
50.40	45.60	27.05	40.04	41.44	15.90	11.52	6.26	58.31	296.52
52.16	48.08	29.25	40.74	44.32	14.75	12.92	7.22	54.06	303.50
54.64	51.52	31.30	41.58	50.48	15.50	12.80	7.14	56.44	321.40
54.16	52.80	35.90	47.11	54.16	15.90	12.84	7.32	60.18	340.37
48.88	46.16	29.85	38.99	42.96	13.60	11.24	7.16	52.70	291.54
51.60	42.72	29.55	38.57	43.28	14.25	11.32	6.68	51.85	289.82
58.08	52.24	31.55	44.52	51.52	16.00	12.28	6.74	56.27	329.20
53.12	50.08	31.75	44.38	49.36	14.95	13.20	6.28	62.05	325.17
52.32	50.08	29.60	43.47	46.72	13.45	11.48	6.20	56.78	310.10
48.00	45.36	31.05	39.83	45.52	14.65	12.60	7.48	51.85	296.34
50.00	44.48	31.65	37.87	42.08	13.10	11.76	6.26	51.00	288.20
56.72	53.20	32.75	44.52	49.76	15.75	12.92	6.78	61.88	334.28
50.72	44.72	28.85	38.92	43.60	14.90	13.08	6.48	52.19	293.46
52.24	49.84	31.25	41.72	47.36	15.00	14.20	6.84	63.92	322.37
49.12	50.16	28.80	40.53	46.56	14.35	13.24	6.82	49.98	299.56
51.92	47.76	29.50	40.81	44.80	13.45	10.40	6.68	61.88	307.20
46.56	43.36	26.45	39.34	42.64	13.80	11.36	6.80	49.81	280.12
50.00	45.20	28.65	39.06	44.24	13.85	10.64	6.30	54.57	292.51

Merit roll of the midshipmen of the graduating class (class of

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
100	Fellows, John Benjamin, jr.....	Massachusetts.....	June 13, 1927	17	4	5	14
131	Felton, Cleon Henry.....	Indiana.....	July 1, 1927	19	8	5	14
208	Ferguson, Edward Franklin.....	Connecticut.....	June 30, 1927	18	11	5	14
m108	Ferrill, Homer Edwin.....	Illinois.....	June 23, 1927	18	9	5	14
181	Fiala, Reid Puryear.....	New York.....	July 19, 1927	18	6	5	14
197	Field, Benjamin Prince, jr.....	do.....	June 15, 1927	19	0	5	14
74	Firth, Maxim William.....	Vermont.....	June 14, 1927	19	0	5	14
m93	Fitch, Robert Atwood.....	Nebraska.....	June 21, 1927	19	3	5	14
216	Fitts, William Wilson.....	Georgia.....	June 13, 1927	18	7	5	14
198	Fitzgerald, John Allison.....	California.....	June 30, 1927	19	1	5	14
136	Fitzgerald, William Henry.....	Massachusetts.....	June 16, 1927	17	6	5	14
41	Flaherty, Arthur Ingoldsby.....	do.....	July 20, 1927	17	3	5	14
35	Flynn, Joseph Edward.....	New York.....	June 14, 1927	19	7	5	14
MC412	Fojt, Robert Edward.....	Texas.....	June 21, 1926	20	2	6	2
62	Foley, Francis Joseph.....	New York.....	June 16, 1927	17	1	5	14
33	Foley, Joseph Ferrall.....	Georgia.....	July 15, 1927	18	9	5	14
196	Forbes, Lorenz Quenzer.....	New York.....	June 16, 1927	17	7	5	14
m357	Forde, George Stephen John.....	Pennsylvania.....	June 23, 1927	18	10	5	14
MC190	Forney, Edward Hanna, jr.....	New York.....	June 27, 1927	17	10	5	14
213	Foster, Edward Lee.....	Alabama.....	June 21, 1927	17	5	5	14
y156	Francisco, José.....	Philippine Islands.....	Aug. 15, 1927	18	1	5	14
127	Fraser, Archie Donald.....	California.....	July 11, 1927	18	1	5	14
SC429	Freeberg, Sidney Arthur.....	Minnesota.....	Oct. 4, 1926	19	11	5	14
410	Freeman, George Fonville.....	Tennessee.....	June 20, 1927	18	7	5	14
311	Freshour, William McKee.....	Ohio.....	June 23, 1927	17	11	5	14
*12	Gadrow, Robert Emmett.....	Rhode Island.....	June 30, 1927	19	5	5	14
*18	Gale, Winsor Colvig.....	Oregon.....	June 16, 1927	19	8	5	14
166	Gallagher, Wilmer Earl.....	Delaware.....	June 30, 1927	20	2	5	14
MC89	Games, Edmund Burke.....	Ohio.....	June 29, 1927	18	1	5	14
293	Gannon, John Wendell.....	California.....	July 11, 1927	18	3	4	2
423	Gardiner, Josef Marshall.....	Kansas.....	June 15, 1927	18	10	5	14
306	Garton, Will Melville, jr.....	At large (Pres.).....	June 27, 1927	17	2	2	21
214	Gasterland, Clarence LeRoy ¹	Minnesota.....	June 16, 1927	18	1	5	14
180	Gaviglio, Peter Massimo.....	California.....	June 25, 1927	19	4	5	14
160	Ghetzler, Benjamin.....	Texas.....	June 30, 1927	19	9	5	14
*31	Gibson, Wayne Folk.....	Arkansas.....	June 21, 1927	19	8	5	14
234	Gilbert, Roy Owen, jr.....	Illinois.....	July 12, 1926	19	4	5	14
328	Giles, William Jefferson, jr.....	At large (Pres.).....	June 21, 1927	18	4	5	14
350	Gillespie, Thomas Evan.....	Arkansas.....	June 13, 1927	20	0	5	14
405½	Gillette, Ralph Gorton.....	New York.....	June 14, 1927	19	8	5	14
151	Gimber, Harry Meeker Stuart, jr.....	Pennsylvania.....	June 20, 1927	17	7	5	14
325	Gould, Frank Gardner.....	Florida.....	June 15, 1927	19	11	5	14
354	Graham, Donald Stuart.....	Minnesota.....	June 14, 1927	19	3	5	14
260	Grant, James Dorr.....	Ohio.....	July 14, 1927	19	3	5	0
125	Gray, Albert Downing.....	Pennsylvania.....	June 20, 1927	17	5	3	2
b321	Gray, Hugh Douglas.....	Alaska.....	June 14, 1927	19	0	5	14
b44	Gray, Robert Lawrence.....	Alabama.....	June 15, 1927	18	11	5	14
*10	Greene, George Myron.....	Arizona.....	July 2, 1927	18	4	5	14
40	Greene, Thomas Jethro.....	Iowa.....	June 15, 1927	19	4	5	14
m347	Grinstead, Loren.....	Washington.....	July 15, 1927	17	3	5	14
34	Guilbert, Edward Hunt.....	Illinois.....	June 20, 1927	17	9	5	14
148	Gurnette, Byron Lawrence.....	California.....	June 15, 1927	17	11	5	14
103	Hagberg, Oscar Emil.....	West Virginia.....	June 14, 1927	18	6	4	2
82	Hain, Vernon Rex.....	Ohio.....	June 15, 1927	19	8	5	14

¹ Name changed from Clarence LeRoy Gaasterland.

1931), 443 members, for the last year of their academic course—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aero- nautics	Electrical engineer- ing and physics	English and his- tory	Lan- guages	Hygiene	Aptitude for service	Aggre- gate fourth year
Maximum									
64	61	40	56	64	20	16	8	63	400
53.04	52.88	34.05	43.40	48.56	15.20	12.43	6.96	56.27	322.84
51.76	49.36	32.25	41.72	56.08	13.20	11.00	5.22	57.46	318.05
49.52	50.00	32.05	40.81	51.52	15.15	12.20	6.78	49.81	307.84
54.24	50.80	33.85	44.94	47.20	15.55	13.96	6.94	54.40	321.88
52.72	50.16	30.45	43.40	47.44	15.50	11.56	6.36	52.53	310.12
52.64	48.40	29.35	39.83	45.92	16.50	12.16	7.30	56.61	308.71
53.36	50.88	34.00	45.15	52.96	15.50	13.24	7.24	57.29	329.62
55.44	52.40	34.55	43.12	49.68	13.65	11.92	6.46	57.29	324.51
49.84	49.52	30.70	40.81	45.28	14.30	11.64	7.14	57.97	307.20
50.72	48.72	30.25	42.07	44.64	13.85	11.44	6.12	60.86	308.67
52.32	53.44	32.15	39.76	46.88	15.00	13.68	6.84	57.12	317.19
58.32	54.43	34.55	44.94	52.72	17.40	14.36	6.86	53.72	337.35
57.20	51.68	33.80	44.52	49.12	17.05	15.76	6.56	62.73	338.42
43.36	43.20	27.00	38.50	43.44	12.90	12.12	6.82	54.06	281.40
55.92	52.16	33.30	45.71	52.00	15.50	12.84	7.34	57.29	332.06
55.76	55.04	33.50	47.53	52.56	16.85	13.28	7.32	57.80	339.64
49.28	48.08	31.40	41.72	49.04	14.35	12.83	6.96	55.03	308.79
49.92	43.76	28.70	37.80	43.36	14.85	12.88	6.92	52.53	290.72
52.64	49.76	29.85	40.39	45.20	15.50	10.96	7.08	53.31	309.69
52.08	46.00	29.50	40.74	50.96	13.25	11.72	6.38	56.95	307.58
51.92	50.16	34.05	42.14	46.88	16.35	15.64	6.34	50.32	313.80
54.80	51.20	33.90	42.98	46.32	14.65	11.44	7.08	56.10	313.47
44.08	41.92	26.90	37.73	42.00	14.35	10.64	5.34	50.49	273.45
47.36	45.12	27.30	38.57	43.20	13.65	10.72	6.16	49.81	281.89
48.56	45.60	29.85	39.55	43.76	13.55	10.72	7.62	58.82	293.03
58.24	55.36	35.65	46.34	55.44	16.45	13.04	7.28	60.13	347.98
55.60	55.04	36.55	49.21	56.40	15.80	12.80	7.00	57.97	346.37
53.60	51.36	32.00	42.77	45.12	14.50	10.84	6.42	55.25	311.86
53.84	51.36	33.15	43.89	48.08	15.70	13.00	7.76	58.43	325.26
50.40	48.00	27.30	38.92	41.52	15.55	11.48	6.76	59.67	299.60
45.20	42.96	27.25	37.94	43.20	13.00	10.60	7.00	49.98	277.13
50.64	45.36	28.65	43.12	44.96	14.35	11.48	7.76	52.36	298.68
50.64	48.08	30.80	42.21	48.96	14.40	11.16	6.62	54.40	307.27
52.24	50.24	31.65	41.02	47.04	15.65	13.40	5.58	53.38	310.20
50.48	50.32	30.30	42.77	45.52	14.65	12.76	6.34	59.65	312.79
55.44	53.84	33.50	46.97	55.12	14.90	12.20	6.60	62.05	340.62
51.44	46.64	30.55	40.81	45.84	14.90	11.96	6.58	56.78	305.50
53.44	46.08	29.35	37.66	44.96	15.00	13.84	6.78	49.30	296.41
48.32	46.16	29.10	38.36	44.08	13.15	10.68	6.62	56.27	292.74
49.92	44.00	27.55	36.89	42.16	13.30	12.44	6.23	50.15	282.69
54.64	50.08	30.15	40.11	42.56	16.20	13.28	7.68	59.65	314.35
50.16	45.76	31.35	37.59	44.24	14.15	11.24	6.84	55.42	296.75
48.96	44.88	27.90	39.06	44.24	14.70	11.52	6.94	53.89	292.09
50.88	47.44	30.30	42.35	44.56	14.75	11.44	6.68	54.91	303.31
52.08	48.32	32.10	40.39	49.60	14.10	11.72	7.04	63.75	319.10
51.12	45.04	28.55	39.48	44.72	16.15	11.24	6.64	54.40	297.34
57.36	54.64	34.60	45.71	54.64	13.40	12.32	6.66	54.57	336.90
57.28	54.80	35.30	48.37	57.12	16.95	12.80	7.24	60.18	350.04
55.44	54.40	34.15	48.16	51.60	17.15	12.04	6.64	57.97	337.55
50.32	43.76	30.20	37.45	45.20	13.55	14.32	6.40	52.02	293.28
53.92	52.16	34.30	46.76	54.88	14.80	12.60	7.40	61.71	333.53
53.44	50.00	32.60	45.08	47.92	15.65	13.04	6.56	50.49	314.78
53.20	51.44	30.80	43.47	46.08	14.50	13.84	6.44	62.73	322.50
55.84	50.72	32.90	42.21	49.20	17.05	11.80	6.78	60.01	326.51

MERIT ROLL—GRADUATING CLASS

Merit roll of the midshipmen of the graduating class (class of

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
382	Hale, Henry Henderson.....	Indiana.....	June 15, 1927	19	11	5	14
250	Hall, Madison, jr.....	Texas.....	June 21, 1927	16	4	5	14
246	Hall, Norman.....	New York.....	June 15, 1927	17	9	4	11
295	Hamm, Mann.....	Texas.....	June 20, 1927	18	0	5	14
334	Hammond, Douglas Thompson.....	Arkansas.....	June 21, 1927	18	6	5	14
176	Harper, John Frank, jr.....	Maryland.....	June 20, 1927	18	3	5	14
42	Hatton, George Anthony.....	Illinois.....	do.....	19	8	5	14
158	Hawk, Claude Vernon.....	Utah.....	July 1, 1927	17	6	5	14
374	Hawkins, Carson.....	Nevada.....	June 16, 1927	19	3	5	14
153	Hay, Richard Ross.....	Massachusetts.....	do.....	18	3	5	14
141	Head, Nelson Mead.....	Virginia.....	June 29, 1927	18	3	5	14
72	Heilig, Robert Bube.....	Pennsylvania.....	Aug. 18, 1927	17	4	5	14
m*27	Hibschman, Maurice Wilhelm.....	Washington.....	June 20, 1927	19	9	5	14
338	Hill, Andrew Jewel, jr.....	Missouri.....	June 27, 1927	17	8	5	14
162	Hogan, Thomas Wesley, jr.....	Georgia.....	June 13, 1927	18	2	5	14
MC310	Holcomb, Banks Taylor, jr.....	Delaware.....	July 2, 1927	19	3	5	14
116	Holden, Harry Worden.....	Vermont.....	July 11, 1927	17	7	5	14
330	Hollingsworth, John Christie.....	Georgia.....	June 27, 1927	17	10	5	14
71	Hollister, William Wallace.....	Wisconsin.....	July 1, 1927	19	8	5	14
52	Holmes, Merrill Sylvester.....	Pennsylvania.....	June 23, 1927	18	0	5	14
302	Holtz, Arnold Henry.....	Wisconsin.....	June 20, 1927	18	5	5	14
*21	Holtzworth, Ernest Charles.....	West Virginia.....	do.....	19	5	4	6
55	Hooper, Edwin Bickford.....	Massachusetts.....	Aug. 15, 1927	18	6	5	14
292	Howe, Charles Melville, III.....	P. A. 348 (Pres.).....	June 21, 1927	17	11	5	14
286	Hoye, Francis Wallace.....	Massachusetts.....	July 14, 1927	19	4	5	14
MC*30	Hudson, Lewis Cheatham, jr.....	Mississippi.....	June 21, 1927	16	11	5	14
165	Hudson, Robert Edgar.....	Oklahoma.....	do.....	16	3	5	14
343	Huff, George Perry.....	California.....	July 5, 1927	19	3	5	14
109	Hughes, John Nelson.....	Iowa.....	June 21, 1927	17	7	5	14
228	Hughes, William Christopher, jr.....	Missouri.....	June 28, 1927	17	5	5	14
120	Hunter, Raymond Paul.....	Texas.....	June 20, 1927	18	5	3	2
m339	Hunter, William Adair, jr.....	Pennsylvania.....	June 16, 1927	18	1	5	14
195	Huntley, John David.....	Ohio.....	June 14, 1927	19	6	5	14
205	Irons, Alden Hatheway.....	Delaware.....	July 13, 1927	16	11	5	3
288	Iverson, Clifton.....	Minnesota.....	July 5, 1927	18	11	5	14
257	Jacobs, Raymond Halford.....	Michigan.....	July 6, 1927	16	3	5	14
101	Janz, Clifford Thurston.....	New Jersey.....	June 21, 1927	17	4	5	14
209	Jensen, Marvin John.....	Wisconsin.....	June 14, 1927	18	11	5	14
212	Jett, Charles Melbourne.....	Indiana.....	June 30, 1927	19	10	5	14
331	Johnsen, William Harry.....	Iowa.....	June 15, 1927	20	1	5	14
254	Johnson, Harlan Thode.....	Oklahoma.....	June 27, 1927	17	2	5	14
407	Johnson, Willis Ormond.....	Illinois.....	June 15, 1927	17	8	4	2
377	Jones, Alvin Arthur.....	Washington.....	Sept. 19, 1927	20	2	7	3
47	Jones, Ashton Blair, jr.....	Missouri.....	June 23, 1927	19	6	5	14
MC126	Jones, Charles Reed.....	Delaware.....	June 13, 1927	19	4	5	14
313	Jones, Robert Elmer Crowell.....	Michigan.....	June 29, 1927	20	1	5	14
345	Jones, Robert Francis.....	Minnesota.....	Aug. 29, 1927	18	9	5	14
393	Jung, Karl Edward.....	New York.....	June 28, 1926	19	11	5	13
361	Just, John Frederick.....	Pennsylvania.....	June 23, 1927	16	10	5	14
SC400	Keithley, Charles Leon.....	Texas.....	Aug. 27, 1927	19	0	5	14
MC*28	Keller, Albert James.....	Michigan.....	July 1, 1927	20	0	5	14
57	Kelsey, James Hiram, jr.....	Massachusetts.....	July 11, 1927	17	1	5	14
155	Ketchum, Gerald Lyle.....	Washington.....	June 27, 1927	18	7	5	14
92	Kiehlbauch, Joseph Vaughn.....	South Dakota.....	June 15, 1927	19	0	3	2

1931), 443 members, for the last year of their academic course—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aero- nautics	Electrical engineer- ing and physics	English and his- tory	Lan- guages	Hygiene	Aptitude for service	Aggre- gate fourth year
Maximum									
64	64	40	56	64	20	16	8	68	400
48.96	42.64	28.95	40.32	43.84	15.55	11.16	6.70	48.79	286.91
48.80	49.12	31.90	40.88	48.08	13.25	11.60	6.88	53.38	303.89
50.88	44.72	28.10	38.22	44.72	15.15	11.60	7.54	63.24	304.17
51.44	45.12	28.40	39.20	44.24	15.15	11.43	6.84	57.63	299.50
47.84	45.36	28.50	39.48	46.24	13.65	12.08	6.58	55.93	295.66
52.56	50.64	31.40	41.86	48.24	15.85	12.04	7.20	50.83	310.62
54.40	53.84	34.35	46.06	54.32	14.70	14.12	6.38	58.99	337.16
50.48	48.72	31.10	39.34	47.20	14.75	12.80	6.50	62.56	313.45
46.80	44.96	28.65	37.59	42.24	13.05	10.40	6.28	58.14	288.11
53.20	46.96	29.70	41.79	55.52	14.45	12.24	6.46	53.89	314.21
52.16	49.60	31.20	41.58	48.60	16.15	12.96	6.84	57.63	316.12
54.64	53.52	34.60	44.31	51.20	15.60	11.92	7.24	56.95	329.98
56.40	54.64	35.00	45.64	50.64	16.80	12.56	6.70	64.60	342.98
47.52	45.52	28.35	40.25	44.72	14.00	11.80	6.46	56.10	294.72
52.32	49.68	30.10	40.39	44.24	16.00	11.44	7.32	61.03	312.52
49.68	45.20	30.50	39.83	43.84	13.85	11.48	6.96	56.78	298.12
54.96	50.40	32.90	41.93	49.44	16.20	14.40	6.90	53.89	321.02
50.56	46.16	28.40	39.55	42.32	14.50	10.88	6.92	56.95	296.24
55.84	52.80	33.05	43.61	48.08	16.25	13.36	6.98	60.18	330.15
55.84	54.56	34.00	45.43	47.52	16.40	13.04	7.32	61.54	335.65
48.32	47.60	28.40	38.85	43.84	15.50	12.76	7.00	56.78	299.05
54.80	54.80	34.45	46.20	53.04	17.35	13.32	7.06	64.43	345.45
54.56	52.56	35.20	45.71	50.32	15.75	12.48	7.00	60.69	334.27
47.60	46.08	31.55	41.02	43.68	13.25	11.04	7.28	58.14	299.64
52.16	46.96	29.05	40.74	44.24	15.15	12.40	6.76	52.70	300.16
56.72	54.16	33.05	46.13	54.56	16.85	13.80	6.92	59.33	341.52
49.28	48.08	30.60	41.58	46.96	15.40	11.56	6.68	61.88	312.02
47.04	47.12	28.50	44.03	47.60	13.60	11.60	7.04	47.09	293.62
54.88	50.32	31.40	41.44	49.44	15.80	14.40	6.58	57.46	321.72
52.80	46.40	29.05	44.03	48.00	15.25	11.00	6.90	52.70	306.13
51.44	51.20	34.70	40.25	45.76	14.95	11.96	7.14	63.07	320.47
47.68	48.16	30.50	40.95	44.24	13.70	11.20	7.40	50.66	294.49
55.84	47.44	29.65	39.90	47.84	14.50	12.08	7.06	54.74	309.05
54.08	48.88	31.65	42.63	46.88	16.10	11.96	6.36	49.64	308.18
50.88	46.88	28.85	40.67	46.43	14.75	11.60	7.22	52.70	300.03
50.96	47.36	31.35	40.67	45.20	15.00	12.80	6.68	53.38	303.40
54.72	52.56	32.70	43.82	45.92	15.40	13.28	7.62	56.78	322.80
51.76	49.20	30.90	42.98	43.52	14.70	11.80	6.66	56.27	307.79
52.40	51.52	29.65	42.63	46.32	13.80	12.04	6.16	53.21	307.73
48.96	46.16	29.15	41.30	43.76	14.20	11.43	6.82	54.23	296.06
52.32	46.40	31.00	41.65	44.08	14.75	11.24	7.26	55.08	303.78
46.72	44.40	28.30	37.80	41.76	13.50	11.52	6.76	51.85	282.61
49.60	43.28	26.60	37.66	41.20	14.55	11.72	6.68	56.44	287.73
52.08	54.00	32.80	46.97	57.52	14.80	11.76	6.90	59.84	336.67
55.28	50.32	34.00	41.37	45.36	15.85	12.24	7.38	56.78	318.58
52.88	44.88	26.75	40.32	44.64	15.20	10.92	6.60	55.76	297.95
46.64	43.28	28.80	40.39	43.04	14.15	11.32	6.62	59.16	293.40
45.60	42.88	26.95	38.22	41.68	12.90	11.32	7.00	58.82	285.37
47.28	44.32	29.95	38.64	43.84	14.55	11.72	6.84	52.87	290.01
48.24	44.16	26.95	37.80	41.04	14.10	10.72	6.34	55.25	284.60
56.56	54.08	34.25	47.67	54.72	16.65	13.16	7.04	58.82	342.95
58.16	52.64	34.80	45.92	50.32	14.15	12.40	6.88	58.65	333.92
52.48	49.92	31.65	40.74	48.00	16.05	11.92	6.50	57.29	313.95
51.60	53.20	34.45	43.82	48.48	15.90	12.40	7.16	57.63	324.64

MERIT ROLL—GRADUATING CLASS

Merit roll of the midshipmen of the graduating class (class of

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
MC391	King, Billy Woodruff	Texas	Aug. 1, 1927	19	1	5	14
270	King, Robert Donovan	Indiana	June 16, 1926	18	10	5	14
178	King, Victor Albert	Massachusetts	June 13, 1927	19	2	5	14
SC422	Kinzie, Frederick Abraham	Kansas	June 21, 1927	19	2	5	14
139	Kirkpatrick, Charles Cochran	Texas	June 30, 1927	20	0	5	14
236	Kirkpatrick, Charles Eugene	Utah	June 20, 1927	18	5	5	0
324	Kirkpatrick, John Elson	Oklahoma	June 21, 1927	19	4	5	14
118	Klein, Millard Jefferson	Tennessee	June 24, 1927	17	11	5	14
m53	Kunkle, George Owen	Indiana	July 1, 1927	17	6	5	14
110	Kurtz, Thomas Richardson, jr.	At large (Pres.)	June 13, 1927	17	11	5	14
b199	Langdon, Richard Henry	Illinois	do	19	0	5	14
MC323	Larson, Harold Isidor	Minnesota	June 30, 1927	19	2	5	14
193	Lawrence, Sidney Jack	New York	June 14, 1927	18	7	5	3
*13	Lay, James Thomas	Missouri	do	18	5	5	14
87	Lefavour, William Robert	Massachusetts	June 13, 1927	17	7	5	14
MC141	Leon, Harry Stanley	do	do	19	6	5	14
231	Leverton, Joseph Wilson, jr.	Maryland	July 5, 1927	18	5	5	14
131	Lewellen, Bafford Edward	Minnesota	June 23, 1927	17	9	5	0
m188	Lief, Sam Albert	Missouri	June 14, 1927	19	7	5	14
333	Lillis, Burton Cook, jr.	Montana	June 21, 1927	18	1	5	14
137	Lizberg, Carl Alfred	Oregon	June 16, 1927	19	4	5	14
68	Lockwood, Robert Elmore	Massachusetts	Aug. 23, 1927	19	2	5	14
383	Longton, Ernest William	Pennsylvania	June 15, 1927	19	1	4	2
283	Lucas, Carlton Charles	Indiana	do	19	10	5	14
300	Lyon, Hyman Benton	Kentucky	June 13, 1927	17	4	5	14
367	Lytle, Eugene Smith, jr.	Missouri	June 21, 1927	18	1	5	14
65	MacDonald, Donald John	Pennsylvania	June 15, 1927	18	11	5	14
66	MacKenzie, George Kenneth, jr.	New York	July 19, 1927	17	2	5	14
380	Mackert, Robert William	Illinois	June 29, 1927	19	10	5	14
169	Madden, George Bernard	California	June 14, 1927	18	4	5	14
m241	Maloney, John Laurence	New York	do	19	11	5	14
189	Marshall, Elliott Eugene	Maine	June 13, 1927	19	3	5	14
389	Martin, Marshall Tevis	Indiana	June 21, 1927	17	9	5	14
340	Massey, Forsyth	Kansas	June 15, 1927	20	0	5	14
m407½	Massingill, Russell Lawton	Florida	June 16, 1927	19	8	5	14
m318	Mathews, Jerry Antle, jr.	Indiana	July 5, 1927	17	7	5	14
*15	McAfee, Jesse Stuart	Texas	June 27, 1927	17	6	5	14
130	McAllister, Frank Chambers, jr.	Mississippi	June 13, 1927	19	7	5	14
417	McCain, John Sidney, jr.	At large (Pres.)	June 21, 1927	16	5	5	14
m305	McCracken, James Dudley	Illinois	June 15, 1927	19	10	4	16
342	McCracken, Reginald Rudolph	Iowa	do	18	11	5	14
215	McCuddy, William Ross	Kentucky	do	18	0	5	14
273	McDonald, Edwin Anderson	Oregon	June 30, 1927	19	7	5	14
m428	McFarlane, Douglas James	Wisconsin	Sept. 1, 1927	18	11	4	11
406	McKalg, William Vaughn	New Jersey	June 16, 1927	18	7	5	14
247	McKay, Baxter Morrison	Florida	June 21, 1927	17	5	5	14
59	McKee, Francis Alvin	Ohio	June 20, 1927	19	6	5	14
b184	McKinney, Charles William	Indiana	June 13, 1927	18	11	5	14
232	McMahon, Bernard Francis	Ohio	July 18, 1927	19	11	5	14
m362	McManus, George Boles	Connecticut	Aug. 5, 1927	17	2	5	14
315	Meola, Vincent James	Rhode Island	June 20, 1927	18	11	5	14
45	Merkle, Francis Baldwin	Ohio	June 15, 1927	19	9	5	14
154	Metsger, Alfred Bowne	New Jersey	June 28, 1927	16	8	5	14
269	Miles, Lion Tyler	Virginia	June 15, 1927	17	4	5	14

1931), 443 members, for the last year of their academic course—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aero- nautics	Electrical engineer- ing and physics	English and his- tory	Lan- guages	Hygiene	Aptitude for service	Aggre- gate fourth year
Maximum									
64	64	40	56	64	20	16	8	68	400
45.44	42.88	27.50	37.59	42.08	13.25	11.84	7.06	57.80	285.44
52.00	45.76	29.15	39.90	47.28	16.00	11.24	7.28	53.55	302.16
50.64	47.84	33.50	42.00	46.88	14.65	14.00	6.62	54.40	310.53
44.72	43.28	28.25	37.03	42.24	13.35	10.56	6.70	51.34	277.47
51.28	49.68	31.65	43.05	47.52	15.30	12.00	6.84	58.99	316.31
51.52	48.40	29.55	41.02	43.12	15.80	12.08	6.92	56.95	305.36
50.88	44.16	29.25	40.04	42.24	14.05	11.00	6.32	58.82	296.76
53.44	51.68	31.00	44.24	50.80	15.90	12.40	7.20	54.06	320.72
55.52	53.44	34.95	45.85	53.12	13.65	12.44	6.96	58.99	334.92
51.60	51.20	32.10	46.20	49.92	15.30	12.08	6.68	56.61	321.69
52.64	48.48	29.60	42.00	45.44	15.30	12.56	6.36	56.27	308.65
49.44	46.40	29.70	39.20	43.68	14.35	12.04	6.88	55.08	296.77
51.20	50.08	31.10	41.02	47.12	14.40	12.24	6.86	55.25	309.27
59.20	54.24	36.75	47.25	53.28	14.80	13.00	6.76	62.39	347.67
56.24	51.68	32.30	43.54	50.40	16.55	14.24	6.68	54.40	326.03
54.80	51.36	29.75	41.09	48.24	15.55	12.04	7.36	55.93	316.12
51.60	46.40	30.20	38.64	42.32	16.25	11.76	6.70	61.88	305.75
54.32	50.40	31.60	40.60	48.96	16.60	13.16	6.82	55.59	318.05
49.76	50.08	31.10	41.86	46.08	15.10	11.00	6.50	58.31	309.79
48.88	46.64	27.90	40.11	44.40	14.25	11.32	6.56	55.93	295.99
54.16	50.16	33.60	40.67	45.04	16.05	14.68	6.76	55.59	316.71
58.00	55.12	34.80	43.33	48.32	16.60	12.48	7.44	54.74	330.83
45.28	44.00	28.55	38.43	44.72	14.85	11.60	6.92	52.53	286.88
49.20	46.24	29.95	39.48	42.40	13.90	11.12	6.64	61.37	300.30
50.48	47.36	29.40	39.48	44.40	13.80	11.32	6.84	56.27	299.35
46.24	43.20	29.65	39.96	42.64	14.00	10.56	5.86	57.97	289.18
54.80	53.52	34.75	44.45	49.44	14.95	12.48	7.06	60.01	331.46
55.28	53.04	31.45	42.42	47.52	17.60	12.84	7.26	63.92	331.33
48.48	43.36	27.95	38.92	43.52	14.50	11.92	6.58	51.85	287.08
57.60	48.96	30.35	41.16	46.56	16.15	13.00	6.94	50.83	311.55
51.84	48.56	29.70	41.09	44.16	14.60	11.64	6.96	56.27	304.82
52.96	49.20	29.00	40.25	44.72	16.20	12.60	7.56	57.29	309.78
46.96	44.40	27.50	37.80	42.56	12.95	10.92	6.76	55.76	285.61
48.48	48.16	30.05	39.06	43.92	13.75	11.60	6.92	52.36	294.30
45.44	45.28	28.75	39.62	44.64	13.80	10.68	6.38	47.60	282.19
49.60	45.92	29.35	39.34	45.84	14.05	12.20	6.16	55.08	297.54
58.88	54.88	34.60	48.37	52.88	17.15	15.12	6.96	58.48	347.32
54.56	50.64	30.30	41.65	48.40	16.10	12.76	7.58	56.10	318.09
48.56	44.32	29.45	38.22	41.76	13.00	10.28	6.34	47.43	279.36
47.28	47.52	28.90	40.04	43.36	13.40	11.96	6.52	59.84	298.82
50.32	44.56	27.60	39.97	43.04	12.90	11.00	6.98	57.63	294.00
52.32	48.64	28.85	41.79	45.84	16.85	11.04	7.52	54.40	307.25
50.32	48.08	29.70	40.11	44.72	14.70	11.96	6.42	55.93	301.94
44.72	41.12	26.95	37.66	41.52	12.70	10.92	6.72	52.87	275.18
46.80	44.88	27.70	39.06	40.96	13.05	11.28	7.06	51.85	282.64
48.56	48.40	30.65	41.30	45.84	14.80	12.12	6.18	56.27	304.12
55.04	52.40	33.00	45.22	48.72	16.60	13.92	6.04	61.54	332.48
53.12	48.48	28.60	41.30	44.88	15.25	12.16	7.24	58.99	310.02
54.00	47.92	29.55	41.23	44.08	14.60	11.12	6.88	56.27	305.65
49.36	43.84	29.50	39.97	44.64	13.45	12.04	6.44	50.66	289.90
48.24	46.32	29.70	38.99	43.44	15.15	15.16	6.44	54.40	297.84
56.32	53.44	33.90	45.22	50.40	16.65	14.16	7.40	59.33	336.82
50.16	52.72	34.85	44.17	49.60	13.90	11.80	6.80	49.98	313.98
49.04	47.92	30.70	41.51	46.08	17.00	13.04	6.68	50.49	302.46

Merit roll of the midshipmen of the graduating class (class of

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
401	Miller, Justin Albert.....	Montana.....	June 14, 1927	17	8	5	14
129	Miller, Norman Mickey.....	North Carolina.....	June 30, 1927	19	5	4	2
97	Miner, John Odgers.....	Missouri.....	June 14, 1927	16	11	5	14
m67	Moeller, Henry George.....	Nebraska.....	Aug. 8, 1927	19	4	5	14
409	Molumphy, George Garvie.....	Connecticut.....	June 30, 1927	19	4	5	14
207	Moore, John Robert.....	Ohio.....	June 28, 1927	19	7	5	14
MC192	Moore, Luther Samuel.....	Massachusetts.....	June 17, 1927	19	9	5	14
SC434	Moring, William Edwin.....	Mississippi.....	June 22, 1926	17	7	5	0
353	Morris, Daniel Small.....	California.....	June 29, 1927	19	10	5	14
432	Morrow, Charles Allison, jr.....	Maryland.....	June 15, 1927	18	0	5	14
177	Morrow, William John, jr.....	Pennsylvania.....	June 14, 1927	18	11	5	14
278	Moses, McDonald.....	At large (Pres.).....	June 16, 1926	16	6	8	8
MC307	Moss, Clifton Revelle.....	Indiana.....	June 16, 1927	19	1	5	14
396	Motes, Jesse Hogan, jr.....	South Carolina.....	June 20, 1927	19	9	5	14
106	Mothersill, Philip Wilder, jr.....	Colorado.....	Sept. 13, 1926	19	3	11	2
378	Mott, Carleton Edgar.....	Connecticut.....	June 15, 1927	19	2	5	14
*29	Moulton, Horace Douglass.....	Kansas.....	June 21, 1927	17	9	5	14
96	Mullins, Henry, jr.....	South Carolina.....	do.....	19	5	5	14
SC*26	Mumford, Stanley.....	New Jersey.....	June 16, 1927	19	5	5	14
425	Murphy, James Albert.....	Texas.....	June 21, 1927	20	3	5	0
320	Myer, John Aden.....	Kansas.....	do.....	18	10	5	14
421	Myers, Horace.....	Idaho.....	June 15, 1927	19	3	4	16
351	Myhre, Floyd Bertram Thomas.....	Minnesota.....	June 21, 1927	20	2	5	14
39	Needham, Ray Cannon.....	Utah.....	June 29, 1927	18	10	5	14
365	Nelson, Raymond Henry.....	California.....	July 1, 1927	20	2	5	14
253	Nelson, Samuel Edward.....	Pennsylvania.....	June 18, 1927	18	10	5	14
375	Nolan, Rathel Linwood, jr.....	Mississippi.....	June 29, 1927	18	9	5	14
418	Norvell, William Clanton.....	Georgia.....	June 30, 1927	19	5	5	14
337	O'Brien, Joseph Emmett.....	Montana.....	June 16, 1927	18	3	5	14
327	O'Connor, Michael Galligan.....	Louisiana.....	June 13, 1927	16	8	5	14
296	O'Neill, Edward Joseph.....	New York.....	July 15, 1927	19	3	5	14
264	O'Toole, James Michael.....	West Virginia.....	June 20, 1927	19	11	5	14
201	Owens, Seymour Dunlop.....	At large (Pres.).....	June 13, 1927	17	4	5	14
124	Palmer, Charles Keith.....	South Carolina.....	June 21, 1927	17	9	5	14
251	Pancake, Lee Sylvester.....	Montana.....	June 15, 1927	20	2	5	14
332	Parham, John Calhoun, jr.....	At large (Pres.).....	June 13, 1927	19	3	5	9
m*22	Parker, Robert Elmer.....	Pennsylvania.....	June 21, 1927	18	1	5	14
413	Parsons, William King.....	Nevada.....	July 11, 1927	18	1	5	14
299	Payne, Thomas Benjamin.....	Virginia.....	June 20, 1927	18	0	5	14
36	Payson, Harold, jr.....	At large (Pres.).....	Sept. 19, 1927	18	8	5	14
424	Pearce, Hepburn Alcott.....	Massachusetts.....	June 29, 1927	19	6	5	14
147	Peckham, George Edward.....	Iowa.....	June 17, 1927	18	7	5	14
268	Peters, Francis Marion, jr.....	West Virginia.....	June 15, 1927	19	5	5	14
175	Peters, James McClellan.....	Louisiana.....	June 13, 1927	16	10	5	14
359	Peterson, Richard Ward.....	Minnesota.....	June 21, 1927	18	6	4	2
335	Phifer, Thomas Allison.....	South Carolina.....	June 20, 1927	18	7	5	14
*14	Pierce, Ransom Allan.....	Arkansas.....	June 14, 1927	18	4	5	14
390	Porter Samuel Henry.....	Pennsylvania.....	June 16, 1926	18	4	8	8
MC426	Pottinger, William Knowles.....	Texas.....	June 20, 1927	18	3	5	14
m*20	Powell, George Neff.....	Pennsylvania.....	July 29, 1927	18	3	5	14
70	Powell, Peter George, jr.....	Kentucky.....	June 15, 1927	17	8	5	14
*16	Prescott, John Guthrie Foster.....	California.....	June 14, 1927	18	5	5	14
121	Putnam, Frank Rowell.....	Minnesota.....	June 13, 1927	18	11	5	14
m219	Quilter, Edward Sinon.....	New York.....	July 11, 1927	17	10	5	14

1931), 443 members, for the last year of their academic course—Continued

Seaman- ship and fight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aero- nautics	Electrical engineer- ing and physics	English and his- tory	Lan- guages	Hygiene	Aptitude for service	Aggre- gate fourth year
Maximum									
64	64	40	56	64	20	16	8	68	400
47.04	44.80	28.50	37.52	44.72	14.05	11.24	6.40	50.15	284.42
54.32	52.80	33.30	43.82	49.68	15.20	13.16	6.86	49.13	318.27
53.60	51.68	31.40	42.98	47.12	15.25	12.80	6.64	62.22	323.69
57.04	52.64	32.30	42.56	50.00	16.75	13.48	7.18	59.33	331.28
45.44	43.36	27.35	36.89	43.84	14.25	11.04	7.56	52.36	282.09
51.68	48.64	33.20	39.34	44.48	14.45	11.80	7.14	57.29	308.02
53.84	47.84	29.75	38.92	42.40	16.80	12.40	6.88	60.52	309.35
42.48	42.00	27.00	37.03	42.56	13.35	10.24	6.50	49.13	270.29
50.00	43.44	27.30	37.38	42.80	14.10	11.40	7.28	58.48	292.18
42.16	41.20	26.80	37.10	41.68	13.05	10.68	5.68	52.87	271.22
51.36	49.84	31.75	41.86	44.32	14.10	13.04	7.04	57.29	310.60
52.76	46.64	28.85	40.39	42.40	14.90	12.32	6.20	56.61	301.07
49.84	45.52	27.30	38.29	43.36	13.85	12.36	6.78	61.37	298.67
47.04	44.64	27.65	38.78	44.08	13.45	11.00	7.02	51.34	285.00
54.88	51.12	31.50	43.89	45.36	15.05	12.72	7.16	60.35	322.03
48.48	44.96	27.25	38.43	43.60	14.75	13.88	7.06	49.13	287.54
55.36	55.20	35.85	46.06	50.00	14.75	13.20	7.06	64.09	341.57
56.08	51.92	32.10	42.91	50.72	16.50	11.08	7.70	54.91	323.92
57.44	55.04	33.90	47.95	55.28	15.65	12.00	7.88	58.48	343.12
47.04	42.56	27.05	36.96	39.92	13.00	13.68	6.44	49.47	276.12
48.64	48.24	29.55	39.41	43.36	14.00	11.48	6.94	55.76	297.38
45.52	44.24	28.65	37.59	43.36	13.00	10.12	5.80	49.47	277.75
48.40	46.96	27.75	37.73	42.16	13.95	12.68	7.00	55.93	292.56
53.36	53.60	35.65	46.97	51.76	15.05	11.64	6.98	62.56	337.57
46.16	46.56	28.75	39.13	43.28	13.90	10.88	6.12	54.91	289.69
52.96	46.88	29.05	40.11	47.60	14.10	11.48	6.72	54.91	303.81
47.52	45.60	27.95	38.85	43.68	13.75	10.64	6.82	53.21	288.02
45.44	43.12	27.60	36.82	41.36	13.40	11.44	6.38	53.72	279.28
51.52	43.76	28.15	38.57	45.52	15.00	10.96	6.62	54.74	294.84
52.16	45.92	30.50	39.76	43.36	14.40	11.72	7.10	51.51	296.43
50.64	47.60	30.35	41.23	45.68	15.00	11.28	6.54	51.17	299.49
52.64	46.00	31.25	41.09	45.60	15.10	11.40	6.56	53.21	302.85
52.24	49.04	29.80	40.88	45.52	14.65	12.40	6.80	57.12	308.45
52.72	51.20	32.45	44.31	48.96	14.70	11.36	6.78	56.78	319.26
51.92	45.20	28.30	42.28	45.60	16.90	11.52	7.40	54.74	303.86
51.12	45.92	29.40	38.29	42.24	15.25	10.80	7.40	55.59	296.01
56.08	56.88	34.45	47.74	57.76	15.50	12.00	7.32	57.46	345.19
46.40	44.32	26.65	36.75	40.88	12.80	11.20	6.34	55.42	280.76
48.72	49.92	31.00	40.25	46.00	13.50	11.32	5.82	52.87	299.40
58.72	52.88	35.05	45.71	49.60	16.55	12.96	7.56	59.33	338.36
46.16	43.12	28.10	37.38	43.92	13.20	10.88	7.50	46.07	276.33
53.36	53.36	33.00	40.88	45.52	15.15	11.84	7.46	54.23	314.80
49.76	45.36	32.45	40.11	43.28	13.70	11.08	6.90	59.84	302.48
52.96	51.04	31.45	42.42	45.52	15.45	12.60	6.96	52.36	310.76
47.28	44.56	27.35	39.69	43.28	14.30	12.56	6.30	55.08	290.40
51.04	45.52	29.20	39.13	44.32	14.40	10.92	6.98	53.89	295.40
57.04	54.72	35.50	48.44	56.16	15.55	13.44	7.32	59.16	347.33
45.44	43.68	30.75	38.78	42.88	13.45	11.00	6.90	52.70	285.58
46.24	43.44	27.30	36.05	42.96	13.70	10.68	6.12	49.30	275.79
57.60	53.28	34.35	48.30	53.68	16.75	13.64	7.60	60.69	345.89
54.64	51.76	32.25	45.29	50.64	16.25	11.44	7.08	61.03	330.38
58.40	54.16	33.65	47.18	54.72	16.60	14.68	7.44	60.35	347.18
52.32	50.40	31.50	43.96	49.28	15.90	11.20	7.12	58.14	319.82
52.00	49.68	33.55	40.95	48.72	13.25	14.36	6.96	47.43	306.90

MERIT ROLL—GRADUATING CLASS

Merit roll of the midshipmen of the graduating class (class of

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
m69	Railsback, Edward Forrest.....	Kansas.....	July 9, 1927	19	4	5	14
112	Ramage, Lawson Paterson.....	Vermont.....	June 20, 1927	18	5	5	14
123	Raysbrook, Frank George.....	Pennsylvania.....	June 15, 1927	18	5	5	14
*5	Reed, Allan Lorentz.....	Arkansas.....	June 13, 1927	19	1	5	14
369	Reese, John Spencer.....	New York.....	June 29, 1927	18	10	5	14
114	Renken, Henry Algernon.....	Virginia.....	June 21, 1927	19	4	5	14
146	Reynolds, James Richard Zinck.....	Tennessee.....	July 6, 1927	18	6	5	14
368	Richardson, Alvin Franklin.....	Mississippi.....	Sept. 19, 1927	20	5	5	14
423½	Ritchie, Clark Alexander.....	New York.....	June 14, 1927	19	3	5	14
*2	Rivero, Horacio, jr.....	Porto Rico.....	June 20, 1927	17	1	4	11
56½	Robbins, Berton Aldrich, jr.....	Massachusetts.....	June 22, 1927	18	10	5	14
138	Robertson, Edward Livingston, jr.....	New York.....	July 5, 1927	17	9	5	14
*11	Roeder, Bernard Franklin.....	Illinois.....	June 15, 1927	16	4	5	14
163	Roessler, Anthony Carroll.....	Ohio.....	June 21, 1927	18	6	5	14
*25	Rogers, Thomas Woodson.....	Wisconsin.....	Aug. 30, 1927	19	3	5	14
*6	Romberg, Albert Kenneth.....	Iowa.....	June 15, 1927	19	2	5	14
280	Roscoe, David Livingston, jr.....	At large (Pres.).....	June 13, 1927	19	9	5	14
*23	Russell, Harold Berton.....	Michigan.....	do.....	19	2	5	14
194	Ryon, William Mendinghall.....	Pennsylvania.....	June 29, 1927	19	3	5	14
386	Sampson, Robert Roy.....	Connecticut.....	June 13, 1927	20	0	5	14
6431	Sanns, Nickolas James.....	New Jersey.....	June 15, 1927	17	4	5	14
60	Schoeni, Walter Paul.....	Oregon.....	June 14, 1927	19	3	4	0
85	Schultz, George Franklin.....	Indiana.....	June 15, 1927	19	3	5	14
m348	Scrivner, Frank Herman.....	Texas.....	July 1, 1927	18	9	5	14
416	Seidel, Harry Edward, jr.....	Maryland.....	July 5, 1927	17	11	5	14
157	Sell, Charles Francis.....	Pennsylvania.....	June 16, 1927	17	11	5	14
284	Shaffer, Leland Griffith.....	do.....	June 21, 1927	18	4	5	14
135	Sharp, Alfred Elliott, jr.....	Maryland.....	do.....	18	3	5	14
317	Shields, Ward Thornton.....	Pennsylvania.....	June 16, 1927	17	2	5	14
MC245	Shoemaker, Cassin Thomson.....	Ohio.....	June 14, 1927	18	6	4	20
MC243	Shuey, Clifford Henry.....	Illinois.....	June 30, 1927	19	2	5	14
159	Sieglaiff, William Bernard.....	California.....	June 13, 1927	18	11	5	0
186	Sisko, William John.....	Michigan.....	June 21, 1927	19	11	4	2
m397	Slater, Stanley John.....	Massachusetts.....	June 16, 1927	19	5	5	14
349	Smith, Andrew Jackson.....	New York.....	June 30, 1927	19	10	5	14
143½	Smith, Curtis Everett.....	Mississippi.....	do.....	19	8	5	14
399	Smith, Julius Elbridge, jr.....	Nevada.....	June 22, 1926	18	6	8	8
227	Smith, James Thomas.....	Tennessee.....	June 21, 1927	18	8	5	14
360	Smith, Norman Ernest.....	Wyoming.....	June 20, 1927	18	6	5	14
102	Smith, Ronald Kenneth.....	Iowa.....	June 22, 1927	18	5	5	14
m235	Snow, John Lawrence.....	Alabama.....	June 15, 1927	18	1	5	14
146	Soucek, Victor H.....	Oklahoma.....	July 15, 1927	18	10	5	14
346	South, Jerry Curtis, jr.....	Arkansas.....	July 5, 1927	17	7	5	14
403	Stafford, Arthur Edward.....	Pennsylvania.....	June 21, 1927	19	4	5	14
b128	Stauffer, Jack Bellamy.....	Colorado.....	June 20, 1927	18	0	5	14
b119	Steele, Marcus Goldaine.....	California.....	June 30, 1927	17	7	5	14
150	Steere, Richard Clarke.....	Illinois.....	June 15, 1927	18	3	5	14
122	Steffanides, Edward Frank, jr.....	Wisconsin.....	June 22, 1927	19	0	3	2
316	Steinke, Frederic Samuel.....	Illinois.....	June 30, 1927	19	11	4	0
381	Stewart, Andrew Pat.....	Georgia.....	June 15, 1927	17	3	5	10
279	Stewart, Walter Jones.....	New Jersey.....	June 30, 1927	19	7	5	14
80	Stone, George Roben.....	Michigan.....	July 14, 1927	17	8	5	14
341	Straub, Charles Teddy.....	Colorado.....	June 15, 1927	19	5	5	14
m314	Stromback, Philip Christian.....	Pennsylvania.....	June 20, 1927	17	6	5	14

1931), 443 members, for the last year of their academic course—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Navigation	Engineering and aero- nautics	Electrical engineer- ing and physics	English and his- tory	Lan- guages	Hygiene	Aptitude for service	Aggre- gate fourth year
Maximum									
64	64	40	56	64	20	16	8	68	400
56.24	50.64	32.60	45.64	49.84	15.40	11.24	7.08	61.88	330.56
53.20	48.88	32.60	44.94	47.92	15.30	11.84	7.06	59.67	321.41
53.68	49.76	30.65	43.05	47.12	13.90	14.08	6.50	60.69	319.43
59.52	56.80	36.15	48.72	55.52	16.85	15.06	7.02	59.50	355.16
45.76	44.40	29.05	38.50	46.32	13.50	10.52	7.26	53.38	288.69
51.04	51.44	32.50	43.26	46.72	14.30	12.24	7.54	62.22	321.26
53.20	50.56	34.40	44.03	48.08	13.95	11.12	7.18	53.04	315.56
48.96	44.00	27.50	37.80	41.20	15.75	11.48	6.80	55.59	289.08
46.32	42.00	27.45	38.43	44.64	13.15	11.16	5.58	48.11	276.84
60.24	57.28	36.65	49.63	54.40	18.05	16.00	6.76	61.54	360.55
57.12	54.00	32.80	44.94	47.52	16.80	13.24	7.22	60.52	334.16
52.56	48.88	32.65	41.65	48.00	16.75	13.84	6.76	55.42	316.51
58.32	56.24	36.55	50.54	56.32	15.80	12.40	7.02	56.78	349.97
52.56	50.80	33.35	40.88	46.56	14.40	12.08	7.28	54.57	312.48
58.08	55.60	37.00	49.63	56.96	15.90	11.92	7.26	51.34	343.69
57.20	54.96	35.65	50.19	58.40	14.35	12.68	6.88	62.22	352.53
52.00	47.84	27.05	41.09	43.44	15.55	12.00	6.74	55.08	300.79
56.64	55.84	35.20	46.90	53.60	14.85	13.52	6.83	61.71	345.14
51.44	51.12	29.90	43.12	45.36	14.85	11.88	6.78	54.74	309.19
50.08	43.04	28.05	38.43	41.28	13.65	11.00	6.42	54.40	286.35
46.56	40.72	26.80	38.71	45.12	13.40	10.32	6.44	43.69	271.76
55.52	51.76	35.30	44.80	46.88	16.50	13.08	7.06	61.54	332.44
51.36	50.88	33.80	45.50	50.80	16.20	13.84	7.78	56.27	326.43
49.60	44.40	28.10	38.92	44.72	14.25	14.32	6.08	52.87	293.26
45.68	41.92	27.30	37.94	41.84	13.85	11.92	6.60	52.53	279.58
54.24	48.64	32.45	40.74	45.28	17.00	13.52	7.56	54.06	313.49
50.00	47.44	29.05	40.88	44.96	13.65	11.72	7.06	55.42	300.18
51.12	50.24	32.60	42.00	46.32	15.40	11.64	7.42	61.20	317.94
49.44	42.88	29.10	38.64	45.44	13.70	12.76	6.62	58.99	297.57
51.68	48.24	30.70	42.91	48.88	14.65	11.68	6.74	54.40	309.88
53.52	47.60	29.45	41.65	44.88	16.15	12.80	7.08	51.34	304.47
52.16	47.52	30.40	41.65	45.12	15.70	11.36	6.96	62.22	313.09
51.36	50.16	29.80	39.41	47.12	14.55	12.76	6.22	58.48	309.86
48.80	41.92	27.50	38.78	43.04	15.05	11.40	6.94	51.51	284.94
49.20	47.52	28.80	38.57	44.96	13.65	11.56	7.38	51.34	292.98
51.76	49.68	31.20	44.03	49.84	15.55	11.80	7.14	54.91	315.91
45.92	43.20	27.85	38.99	44.00	13.90	11.48	7.12	52.19	284.65
51.84	47.52	29.80	41.02	45.12	16.10	12.92	6.60	55.25	306.17
47.28	45.04	28.00	38.85	42.48	13.35	11.84	7.02	56.27	290.13
54.00	51.36	30.85	44.94	45.44	16.15	13.16	6.90	59.84	322.64
49.92	48.16	29.40	42.56	47.92	14.35	12.68	7.06	53.38	305.43
54.24	51.84	30.10	41.58	50.40	13.35	11.76	6.56	55.76	315.59
48.56	44.72	28.40	38.43	43.52	14.85	12.24	6.36	56.27	293.35
47.52	44.24	27.55	38.01	43.76	13.90	10.92	6.46	51.68	284.04
53.76	48.72	31.10	43.96	48.32	13.05	13.92	6.80	55.76	318.39
55.84	48.80	31.00	40.04	51.36	14.05	14.12	6.10	59.33	320.64
54.56	49.44	29.45	39.76	46.32	14.90	14.48	6.24	59.33	314.48
51.60	49.68	31.90	43.96	49.60	14.55	13.04	6.32	59.16	319.81
51.04	46.48	29.40	39.90	42.08	14.30	12.36	6.88	55.25	297.69
49.12	44.32	27.30	39.80	43.04	14.00	12.52	6.72	50.83	287.05
47.04	46.48	31.00	41.37	50.16	13.40	11.24	6.48	53.89	301.06
54.32	49.52	33.90	45.85	53.04	14.55	13.96	6.96	55.59	327.69
44.96	47.28	28.05	40.53	43.36	13.90	11.80	6.70	57.63	294.21
50.24	46.16	31.50	40.04	44.56	13.10	12.04	6.36	53.89	297.89

Merit roll of the midshipmen of the graduating class (class of

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
262	Stuart, Daniel Alfriend	Virginia	Aug. 8, 1927	19	11	5	14
276	Swain, Joseph Blount	North Carolina	June 21, 1927	17	7	5	14
56	Tatom, Eugene	Florida	June 28, 1927	18	10	5	14
MC167	Taxis, Samuel Gibbs	Massachusetts	July 5, 1927	18	0	5	14
*8	Taylor, Robert Lee	Michigan	June 16, 1927	16	8	5	14
SC63	Tenney, Joseph Fosdick	Massachusetts	Aug 10, 1927	16	11	5	14
111	Theobald, Robert Alfred, jr.	California	June 13, 1927	16	9	5	14
79	Thomas, Willis Manning	do	June 17, 1927	19	9	5	14
226	Thompson, Warren Ronald	South Dakota	July 5, 1927	19	11	5	14
w	Thorn, William Alvah	Maryland	June 13, 1927	19	10	5	14
143	Thornton, Joseph Thomas, jr.	New York	June 23, 1927	19	1	5	14
301	Todd, Donald Whiley	At large (Pres.)	July 31, 1925	18	10	11	2
152	Torgerson, Theodore Adolph	Minnesota	June 21, 1927	20	1	4	2
430	Toth, Joseph Charles	New Jersey	June 20, 1927	20	0	4	2
SC433	Trenholme, Edward Pinder	Missouri	June 30, 1927	18	10	5	14
SC308	Tripi, Ignatius Nicholas	New York	June 15, 1927	19	2	5	14
168	Tucker, Alfred Bland, III	Virginia	June 23, 1927	17	6	5	14
*3	Tyra, Thomas Donald	Minnesota	June 16, 1927	18	10	4	2
42	Uehling, Gordon Alexander	Wisconsin	July 11, 1927	17	11	5	14
105	Van Mater, Schermerhorn	Indiana	June 21, 1927	18	1	5	14
242	Vaughn, Charles Samuel	Kentucky	July 14, 1927	19	10	5	14
*1	Veasey, Alexander Craig	New Jersey	June 13, 1927	18	10	5	14
84	Volk, Louis Frank	Indiana	June 15, 1927	18	2	5	14
277	Vredenburg, James Brinckerhoff	Virginia	June 30, 1927	19	4	5	14
m366	Wackwitz, Donald Newman	Massachusetts	do	19	4	5	14
275	Wallace, Ford Llewellyn	Ohio	do	19	7	5	14
282	Walpole, Kinloch Chafee	Rhode Island	do	19	7	4	13
252	Warman, Nathaniel Ewing	Pennsylvania	June 16, 1927	19	10	5	14
117	Weatherwax, Hazlett Paul	Hawaii	June 27, 1927	19	8	5	14
48	Webster, John Alden	New York	June 14, 1927	18	2	5	14
267	Weiler, James Buchanan	Pennsylvania	June 16, 1927	18	5	5	14
78	Weir, Frederick Utter	Rhode Island	June 21, 1927	19	4	5	14
298	Werts, Charles Luther	Indiana	do	19	2	5	14
179	Wheland, Karl Raymond	Ohio	June 18, 1927	19	9	5	14
MC218	White, John Alexander	Indiana	June 21, 1927	18	3	5	14
m411	White, Robb, III	Georgia	do	18	0	5	14
387	Wickens, Justin Leo	Indiana	June 14, 1926	19	10	8	8
273½	Wier, Henry Robert	Massachusetts	June 27, 1927	18	11	5	14
MC287	Wieseman, Frederick Leonard	Wisconsin	July 2, 1927	19	4	5	0
99	Wilber, Donald Taylor	Michigan	June 27, 1927	18	0	5	14
m210	Wilbur, Robert Milton	Missouri	June 13, 1927	17	1	5	14
284	Will, Prentis King	New Jersey	June 15, 1927	19	7	5	14
91	Williams, George Kirtley	Utah	do	19	4	5	14
172	Williams, Henry, jr.	Virginia	June 13, 1927	17	0	5	14
225	Williams, Jack Bercaw	Pennsylvania	July 22, 1927	17	1	5	14
233	Williams, Lowell Windfield	Indiana	June 13, 1927	19	9	5	14
115	Williams, Russell Champion	Virginia	June 20, 1927	18	4	4	2
363	Williamson, Francis Thomas	Rhode Island	June 29, 1927	20	2	5	14
170	Wilson, Albert H., jr.	Idaho	June 15, 1927	19	1	5	14
161	Wilson, Arthur LeLong	New Jersey	July 5, 1927	18	3	5	14
249	Wilson, George Speakman	Pennsylvania	do	16	9	5	14
290	Wirtz, Peyton Louis	Maryland	June 18, 1926	19	5	8	8
77	Wood, James Marshall	Virginia	June 14, 1927	19	8	5	14
309	Wood, Lester Orin	Washington	June 20, 1927	17	5	5	14

1931), 443 members, for the last year of their academic course—Continued

Seaman- ship and fight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aero- nautics	Electrical engineer- ing and physics	English and his- tory	Lan- guages	Hygiene	Aptitude for service	Aggre- gate fourth year
Maximum									
64	64	40	56	64	20	16	8	68	400
51.12	47.36	29.00	42.35	44.56	13.90	10.76	7.50	56.44	302.99
52.32	47.68	29.80	41.09	43.36	14.25	10.56	7.32	54.91	301.29
55.84	53.44	33.20	46.13	51.60	15.10	12.24	7.68	58.99	334.22
51.76	48.32	29.05	39.83	45.84	15.60	11.72	7.22	62.39	311.73
57.68	56.24	34.75	47.81	53.04	16.85	14.08	7.04	64.09	351.58
56.72	51.20	34.15	45.99	53.60	14.60	12.24	6.88	56.61	331.99
54.64	49.20	33.05	45.01	47.92	14.10	11.24	6.32	60.01	321.49
53.36	50.56	31.95	42.70	49.12	16.15	13.72	6.68	63.75	327.99
53.84	47.92	28.45	39.69	46.00	14.85	13.08	6.92	55.59	306.34
(a)	(a)	(a)	(a)	(a)	(a)	(a)	6.42	61.03	Inc.
50.48	51.28	32.85	41.37	46.96	13.85	11.83	6.74	60.69	316.10
52.32	46.64	30.05	41.02	45.04	12.70	10.84	6.96	53.72	299.29
51.52	48.64	29.10	40.25	44.96	17.60	12.00	6.84	63.41	314.32
43.92	41.28	25.95	37.80	41.76	12.85	11.56	7.08	50.83	273.03
43.76	42.64	27.95	36.82	41.76	12.85	10.20	6.76	47.60	270.34
48.72	46.80	28.80	40.74	45.04	16.10	13.00	6.14	53.21	298.55
52.08	48.48	31.50	40.95	47.04	14.55	11.64	6.98	58.48	311.70
57.76	55.60	35.35	51.31	57.44	17.45	14.12	6.94	63.92	359.89
56.24	51.60	35.35	44.31	52.00	17.40	12.04	7.70	60.52	337.16
54.48	51.84	34.05	42.77	49.28	14.95	11.80	7.66	55.42	322.25
48.16	50.00	33.30	42.49	46.56	13.90	11.32	7.20	51.68	304.61
61.12	56.48	36.95	50.75	57.12	17.20	13.60	7.18	64.09	364.49
53.76	51.20	31.90	45.36	50.08	14.95	13.04	7.18	58.99	326.46
50.64	46.32	28.10	39.55	42.96	14.00	11.72	7.10	60.69	301.08
49.44	44.24	29.05	41.58	45.28	13.75	11.48	6.20	48.45	289.47
49.84	44.96	27.85	40.74	44.80	14.15	12.16	6.80	60.18	301.48
52.08	45.76	29.75	40.53	44.08	14.65	12.36	7.00	54.40	300.61
50.72	45.04	28.80	39.62	42.16	15.25	12.32	7.88	62.05	303.84
53.36	48.48	31.05	41.93	52.16	14.40	13.40	7.16	58.82	320.76
54.88	51.12	33.95	46.76	53.20	14.65	13.56	6.54	61.71	336.37
51.44	45.68	27.60	38.92	44.24	15.35	11.80	6.74	60.86	302.63
54.96	50.96	31.10	45.78	51.28	16.90	11.23	7.14	58.99	328.39
50.24	47.04	28.45	41.02	44.00	14.75	12.60	6.24	55.08	299.42
50.96	51.52	32.30	40.88	44.72	14.85	10.84	6.82	57.46	310.35
50.00	48.16	32.90	39.20	43.28	15.65	12.16	7.20	58.48	307.03
44.40	41.52	26.70	39.69	44.16	13.90	11.44	6.52	53.55	281.88
45.60	42.40	28.15	39.62	41.68	15.20	11.36	6.50	55.59	286.10
51.60	47.04	29.30	41.72	45.20	16.29	11.96	6.96	51.85	301.83
48.88	45.28	29.45	38.71	42.83	14.10	11.72	7.00	62.05	300.07
54.96	52.00	31.75	44.03	48.96	17.70	12.28	6.86	54.40	322.94
53.60	48.08	31.05	40.67	48.64	14.20	11.52	7.46	52.53	307.75
48.88	49.60	29.25	39.69	45.28	13.90	12.24	6.26	55.08	300.18
52.96	53.44	32.05	43.05	48.40	16.10	11.16	7.30	60.35	324.81
53.60	46.96	30.15	40.11	43.68	15.00	11.96	7.04	62.56	311.06
52.64	48.96	31.25	42.21	46.32	14.55	10.80	6.92	52.70	306.35
49.68	47.36	32.05	41.09	44.80	14.00	12.16	6.58	57.80	305.52
51.92	51.12	31.00	40.53	48.56	15.65	12.08	6.70	63.58	321.14
47.52	43.04	28.00	39.27	43.20	13.50	10.48	7.54	57.29	289.84
55.28	48.00	29.50	41.72	47.20	15.10	12.48	6.82	55.25	311.35
50.64	50.00	31.70	41.37	43.84	15.05	13.80	6.78	59.50	312.68
51.68	45.28	31.55	41.93	44.56	15.80	13.16	6.98	53.04	303.98
51.92	46.72	30.60	39.90	42.00	15.30	11.68	6.46	55.25	299.83
55.60	50.48	33.45	44.31	48.56	16.60	12.96	6.46	60.52	328.94
47.92	48.56	30.85	39.69	44.72	15.30	12.32	6.96	51.85	298.17

Merit roll of the midshipmen of the graduating class (class of

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
402	Woodaman, Ronald Joseph.....	Massachusetts.....	June 29, 1927	19	10	4	29
395	Woods, William Power.....	South Carolina.....	July 6, 1927	18	3	5	14
m95	Wright, Douglas Gordon, jr.....	New Mexico.....	June 17, 1927	19	8	5	14
64	Wright, Edward Alvey.....	Virginia.....	July 5, 1927	18	6	5	14
b248	Wright, Frederick Williston, jr.....	New Jersey.....	Aug. 8, 1927	20	1	5	14
144	Wright, Sinclair Best.....	Oregon.....	June 15, 1927	18	8	5	14
SC388	Wright, Walter Raymond.....	Ohio.....	Aug. 11, 1927	19	8	5	14
86	Wulff, John Thayer.....	Illinois.....	June 20, 1927	18	10	5	14
404	Yancey, Evan White.....	Kentucky.....	June 16, 1927	19	10	5	14
322	Young, Andrew Lee, jr.....	District of Columbia.	June 15, 1927	19	5	5	14
b336	Zuntag, Alexander Andrew.....	New York.....	June 21, 1926	19	10	8	8

1931), 443 members, for the last year of their academic course—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Navigation	Engineer- ing and aero- nautics	Electrical engineer- ing and physics	English and his- tory	Lan- guages	Hygiene	Aptitude for service	Aggre- gate fourth year
Maximum									
64	64	40	56	64	20	16	8	68	400
46.96	42.08	27.35	38.57	42.48	14.30	11.68	6.74	54.06	284.22
48.88	42.48	28.20	38.08	41.92	12.70	10.56	6.72	55.59	285.13
53.92	52.08	33.00	43.89	51.76	14.95	12.24	7.04	55.25	324.13
54.88	53.52	34.05	44.24	48.64	15.20	11.96	7.14	61.88	331.51
51.60	47.60	28.70	41.09	44.16	14.65	12.56	7.56	56.10	304.02
53.28	52.48	30.30	42.70	47.20	15.35	11.56	7.24	55.76	315.87
48.00	43.60	27.30	37.45	40.88	16.60	10.92	7.14	54.06	285.95
53.76	48.88	32.80	44.87	48.80	16.75	11.84	7.02	61.54	326.26
45.36	43.92	29.60	38.43	45.52	13.50	11.48	5.94	50.15	283.90
48.32	47.36	28.85	39.62	44.72	14.40	11.52	7.12	54.91	296.82
50.00	45.60	28.50	38.99	42.48	14.60	12.36	6.74	55.93	295.20

MERIT ROLL OF THE PRESENT FIRST CLASS

Merit roll of the midshipmen of the present first class (class of 1932),

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
50	Abrahamson, Ernest Percival.....	Maine.....	June 14, 1928	19	4	5	15
101	Acker, Frank Clements.....	New Jersey.....	Aug. 2, 1928	18	1	5	15
181	Adams, Allen Bond, jr.....	West Virginia.....	July 6, 1928	18	4	5	15
405	Adams, Richard Donald.....	Pennsylvania.....	July 5, 1928	19	1	5	15
194	Allen, Henry Irwin, jr.....	Indiana.....	July 16, 1928	17	9	5	15
141	Andrew, John Douglas.....	California.....	June 15, 1928	17	8	5	15
99	Archer, Stephen Morris.....	Ohio.....	June 19, 1928	16	11	5	15
399½	Arthur, Lionel Alexander.....	New York.....	Sept. 27, 1928	18	10	8	6
271	Asman, Edwin Charles.....	Ohio.....	June 19, 1928	18	11	5	15
176	Asmuth, Walter, jr.....	Wisconsin.....	July 16, 1928	17	6	5	15
232	Atkins, Barry Kennedy.....	At large (Pres.).....	June 14, 1928	16	10	5	15
406	Bailey, Benjamin Franklin.....	Connecticut.....	June 15, 1928	18	10	5	15
44	Bailey, Burl Leonidas.....	Michigan.....	July 10, 1928	18	0	5	15
*33	Bailey, George Winston.....	Utah.....	July 16, 1928	19	9	5	15
*5	Baker, Harold Edward.....	Washington.....	do.....	19	5	5	15
221	Baker, Robert Louis.....	Kentucky.....	Sept. 1, 1928	19	5	5	15
156	Bandy, Jack Irving.....	Arizona.....	June 15, 1928	17	3	5	15
153	Beardslee, George Roscoe.....	Michigan.....	June 14, 1928	19	3	5	15
169	Beer, Robert Oakley.....	Nebraska.....	do.....	18	2	5	15
rr407	Beers, Colwell Edward.....	Missouri.....	July 7, 1928	19	6	5	7
238	Bellinger, George Lieinberger.....	New York.....	June 28, 1928	18	1	5	15
62	Best, Richard Halsey.....	New Jersey.....	June 14, 1928	18	3	5	15
311	Bigaouette, Frank Joseph.....	Minnesota.....	July 6, 1928	19	11	4	14
239	Bigler, James Campbell.....	Ohio.....	July 9, 1928	18	4	5	15
264	Billingsley, Ed Baxter.....	Arkansas.....	July 16, 1928	18	1	5	15
389	Binns, Jack Alvey.....	California.....	July 2, 1928	19	6	5	29
258	Bisson, Robert Omer.....	Illinois.....	July 6, 1928	19	10	3	15
155	Blair, Richard Hutchings.....	Virginia.....	June 29, 1928	18	0	5	15
120	Blaisdell, Norman Earl.....	Massachusetts.....	June 22, 1928	19	6	5	15
rr39½	Bond, Frederick William, jr.....	New York.....	June 28, 1928	20	0	2	24
384	Born, Howard Eugene.....	Wisconsin.....	July 6, 1928	18	3	5	7
*21	Bowers, Thomas Kent.....	Maryland.....	June 29, 1928	17	5	5	15
207	Bowser, Alpha Lyons, jr.....	Pennsylvania.....	July 16, 1928	17	11	5	15
238	Brannon, Horace Rupert.....	Alabama.....	June 14, 1928	19	9	5	3
295	Brewer, Cyrus.....	Massachusetts.....	July 17, 1928	18	3	5	15
196	Brindupke, Charles Frederic.....	California.....	June 22, 1928	19	9	5	15
w	Bronson, Frederick Schafer.....	Connecticut.....	do.....	19	8	2	24
78	Brown, Lawrence Shepard.....	New York.....	July 9, 1928	16	8	5	7
49	Brown, Sheldon Willis.....	Pennsylvania.....	July 7, 1928	17	11	5	15
51	Brown, William Wheeler.....	Tennessee.....	June 19, 1928	17	11	5	15
52	Brumby, Frank Hardeman, jr.....	Georgia.....	June 21, 1928	17	6	5	15
35	Bryan, Louis Allen.....	Kentucky.....	June 14, 1928	19	8	4	22
109	Bull, William Izard.....	North Carolina.....	July 6, 1928	17	0	5	15
218	Bunce, Peris Graves.....	New York.....	July 10, 1928	17	3	5	15
231½	Burdick, Dunbar Graves.....	Oregon.....	July 16, 1928	18	8	4	2
391	Burrowes, Edward Elgin.....	Kansas.....	June 29, 1928	18	7	5	15
291	Bush, Horace Peters, jr.....	Pennsylvania.....	July 16, 1928	19	6	5	15
*28	Caley, Arthur Douglas.....	New York.....	June 28, 1928	20	0	5	15
100	Campbell, Herbert John.....	Oregon.....	Aug. 1, 1928	18	10	5	15
278	Cann, Philip Winslow.....	Maine.....	July 9, 1928	20	1	5	15
#	Caperton, Harry Overton.....	Mississippi.....	July 6, 1928	18	0	2	24
124	Carpenter, Truman Ernest.....	Vermont.....	July 16, 1928	19	1	4	14
150	Carroll, Daniel Lynn, jr.....	Minnesota.....	July 9, 1928	18	4	5	15
936	Carroll, George Nicholas.....	Massachusetts.....	June 21, 1928	20	0	5	15

for the third year of their academic course, 440 members, June, 1931

Seaman- ship and flight tactics	Ordnance and gunnery	Nav- igation	Engineer- ing and aeronau- tics	Mathe- matics	Electri- cal engineer- ing and physics	Lan- guages	Hygiene	Aptitude for service	Aggre- gate third year
Maximum									
24	24	48	52	40	48	12	4	48	300
21.84	20.70	40.92	43.81	30.20	40.26	9.91	3.83	39.48	250.95
20.40	18.48	39.42	39.11	30.90	40.26	10.40	3.50	39.72	242.19
20.40	17.46	35.40	39.87	30.40	38.88	9.63	3.47	37.92	233.43
15.42	16.98	31.14	37.84	25.10	31.02	8.12	3.53	38.28	207.43
19.68	20.22	35.10	40.38	26.80	35.16	10.38	3.65	40.20	231.57
19.68	19.50	36.12	41.73	28.90	39.78	9.73	3.47	38.52	237.43
20.04	18.60	39.12	39.70	34.40	37.92	9.47	3.66	39.36	242.27
17.40	17.46	34.14	36.60	26.20	33.00	8.00	3.51	34.08	210.39
18.24	17.10	37.26	37.29	28.10	35.40	9.15	3.43	38.88	224.85
19.26	17.94	41.22	38.12	29.70	38.70	8.92	3.34	36.48	233.68
20.28	19.26	35.58	39.95	27.90	32.46	8.90	3.48	40.20	228.01
16.62	16.44	33.36	36.60	26.60	32.58	8.32	3.35	33.24	207.11
20.58	19.80	41.82	43.89	31.70	39.54	8.87	3.76	41.16	252.12
21.66	19.50	40.44	43.86	33.50	38.82	10.92	3.61	42.84	255.15
22.44	21.84	44.58	46.84	35.10	43.38	9.53	3.60	42.24	269.55
19.02	17.70	35.10	42.18	26.70	35.10	8.39	3.32	41.52	229.03
20.04	18.12	39.90	40.91	26.90	37.20	8.76	3.43	40.08	235.34
20.58	19.38	37.68	39.36	28.00	37.74	8.95	3.72	40.20	235.61
19.50	19.32	36.84	40.77	28.30	37.14	8.62	3.72	39.96	234.17
15.60	16.20	31.56	36.17	25.90	33.42	8.38	3.08	36.60	206.91
18.06	16.62	38.58	36.51	29.30	36.00	9.64	3.38	39.60	227.69
18.90	19.08	39.54	42.51	33.70	38.94	10.18	3.29	40.68	246.82
18.18	16.98	35.28	37.17	28.10	34.98	8.97	3.47	37.80	220.93
17.82	17.52	37.98	35.83	29.70	36.90	8.81	3.63	39.48	227.67
18.84	19.08	35.10	39.83	26.70	35.16	8.88	3.64	38.16	225.39
16.86	14.94	34.68	34.13	27.20	32.28	8.64	3.61	39.48	211.82
19.38	18.24	35.70	39.83	27.50	33.66	8.96	3.89	38.52	225.68
20.94	19.68	38.40	40.66	26.90	36.60	8.36	3.67	40.20	235.41
20.22	19.62	37.32	43.80	28.90	38.58	9.51	3.40	38.16	239.51
20.88	17.40	42.72	40.62	34.50	41.94	10.78	3.60	39.96	252.40
15.90	16.20	32.70	36.47	26.90	33.36	8.46	3.24	39.12	212.35
21.12	20.10	42.84	44.29	32.40	40.80	10.29	3.92	43.20	258.96
19.44	17.34	38.28	38.16	27.10	36.12	9.49	3.54	40.68	230.15
18.30	18.18	35.22	38.54	26.60	35.34	9.74	3.77	42.00	227.69
18.72	17.76	34.92	36.97	27.10	35.28	9.86	3.63	38.52	222.76
19.98	19.14	37.92	40.97	27.00	36.36	8.33	3.63	38.04	231.37
(a)	(a)	(a)	(a)	27.30	(a)	(a)	(a)	40.32	Inc.
19.74	19.20	40.44	40.78	29.30	39.24	10.29	3.66	42.24	244.89
19.62	19.80	39.66	42.94	33.20	40.14	9.45	3.39	42.84	251.04
20.34	20.34	40.20	43.18	33.40	41.04	10.22	3.86	37.92	250.50
21.72	19.38	41.70	41.31	31.30	38.70	10.65	3.60	41.52	249.88
20.28	20.64	40.08	43.40	33.00	39.30	9.97	3.50	43.32	253.49
21.96	19.50	38.40	40.04	30.60	36.36	9.54	3.59	41.16	241.15
17.58	18.42	37.86	38.92	29.40	36.36	8.29	3.34	39.24	229.41
18.18	18.42	35.70	38.81	27.90	36.36	8.42	3.58	40.68	228.05
17.28	16.14	32.46	37.55	25.20	33.42	7.95	3.51	38.16	211.67
16.68	17.10	35.46	37.16	27.30	35.34	8.41	3.60	41.88	222.93
20.22	20.76	41.46	41.59	35.10	40.44	10.00	3.70	43.08	256.35
19.02	19.32	40.92	41.59	30.70	39.36	8.54	3.69	39.12	242.26
18.66	19.32	33.72	38.99	26.20	34.26	9.25	3.17	40.68	224.25
(a)	(a)	(a)	(a)	28.10	(a)	(a)	3.68	36.96	Inc.
19.32	18.42	37.68	40.71	31.80	38.16	8.47	3.18	41.40	239.14
18.48	18.18	38.10	37.11	33.50	38.46	8.88	3.29	39.96	235.96
18.78	16.68	35.40	35.19	25.60	32.46	9.83	3.52	40.56	218.02

Merit roll of the midshipmen of the present first class (class of 1932),

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
334	Catlett, William Jackson, jr.....	Mississippi.....	June 28, 1928	19	2	5	15
284	Chambers, Thomas Edward.....	Tennessee.....	July 17, 1928	19	7	2	13
387	Chase, Edgar Griffith.....	Kansas.....	June 29, 1928	17	10	5	15
373	Chase, Irvin, jr.....	New Jersey.....	July 16, 1928	16	8	5	15
305	Chittenden, John Lester.....	New York.....	June 15, 1928	17	5	5	15
319	Clement, James Markland.....	New Hampshire.....	Aug. 31, 1928	19	5	5	15
210	Close, Burdette Eugene.....	New York.....	July 16, 1928	18	3	5	15
209	Cobb, Clarence Ocumpaugh.....	do.....	June 15, 1928	18	9	5	15
53	Coleman, Herbert McClellan.....	West Virginia.....	June 21, 1928	16	8	5	15
85	Coleman, Walter Dan.....	Illinois.....	June 18, 1928	18	3	5	0
299	Collett, James Dahlman.....	Nebraska.....	June 16, 1927	18	1	5	11
204	Colley, Thomas Jack.....	New York.....	June 19, 1928	19	5	5	15
243	Connaway, Fred.....	Arkansas.....	July 9, 1928	17	6	5	15
114	Cook, Harry Standish.....	Colorado.....	June 14, 1928	19	5	5	15
256	Coombs, Robert Ernest, jr.....	Vermont.....	June 15, 1928	19	7	5	15
103	Cope, Alfred Lovell.....	Georgia.....	do.....	18	6	5	15
96	Corry, John.....	Rhode Island.....	Aug. 2, 1928	18	2	5	15
300	Corson, George.....	New York.....	June 28, 1928	18	7	5	15
247	Counihan, John Lawrence, jr.....	Connecticut.....	June 21, 1928	18	5	5	15
266	Cox, William Ruffin.....	North Carolina.....	June 19, 1928	17	2	5	0
392	Coxe, Alexander Bacon, jr.....	Missouri.....	July 30, 1928	18	5	5	15
225	Craig, James Gray, jr.....	Tennessee.....	July 9, 1928	19	5	5	15
154	Craighill, Richard Starr.....	Virginia.....	Aug. 10, 1928	18	11	5	15
233	Crowley, Dennis Stafford.....	do.....	June 21, 1928	20	1	5	15
63	Dale, Roland Harper.....	Connecticut.....	do.....	18	4	5	15
325	Davis, Joseph Burton.....	Ohio.....	do.....	18	9	4	22
133	DeLong, Henry Clay.....	Maine.....	Aug. 25, 1928	17	10	4	14
94	Denig, Robert Livingston, jr.....	Ohio.....	June 18, 1928	18	7	5	15
279	Dennett, Mark Edwin.....	Arizona.....	June 15, 1928	19	9	5	15
316	DeWitt, John Carroll, jr.....	Georgia.....	July 9, 1928	18	5	5	15
402	de Zayas, Hector.....	California.....	Aug. 16, 1928	17	11	5	15
340	Dial, Nathaniel Minter.....	South Carolina.....	July 18, 1928	17	4	5	15
307	Dibrell, Aquilla Gibbs, jr.....	At large (Pres.).....	June 18, 1928	18	3	5	0
64	Dickinson, Albert William.....	do.....	June 14, 1928	16	7	5	15
81	Dimitrijevic, William Joseph.....	Ohio.....	June 27, 1928	19	0	5	15
361	Dobbs, William Adams.....	Mississippi.....	July 2, 1928	19	4	5	15
395	Domenech, Juan Paul.....	Porto Rico.....	July 9, 1928	19	5	5	15
116	Douglass, Francis Malcom.....	Arizona.....	July 6, 1928	20	2	5	15
91	Dreany, Harry Hayes.....	Kansas.....	June 29, 1928	19	3	5	15
55	Dropp, Anthony Henry.....	Wisconsin.....	June 15, 1928	18	5	5	15
184	Eastwood, Earl Russell.....	Minnesota.....	Aug. 31, 1928	19	9	5	15
397	Elliott, Lynn Thomas.....	Kansas.....	June 18, 1928	19	5	5	7
165	Emrick, Paul Edgar.....	Pennsylvania.....	July 9, 1928	18	3	5	15
260	Enright, William Keith.....	California.....	June 29, 1928	19	5	5	15
*13	Ernst, Sidney Alfred.....	Michigan.....	July 10, 1928	20	2	5	15
*32	Evans, Robert Lloyd.....	Washington.....	June 15, 1928	20	0	5	15
368	Everett, Charles Henry, jr.....	Texas.....	June 19, 1928	19	3	5	15
152	Everett, John Leak, jr.....	North Carolina.....	July 6, 1928	17	4	5	15
315	Fahy, John Southworth.....	Rhode Island.....	Aug. 23, 1928	18	8	5	15
324	Fairbanks, John Francis, jr.....	Massachusetts.....	June 28, 1928	19	11	5	15
358	Faires, Carl Franklin, jr.....	Georgia.....	Aug. 31, 1928	18	8	5	15
216	Fang, Owen Elkins.....	New York.....	June 21, 1928	19	1	5	15
186	Fawcett, Marion Arthur.....	Indiana.....	June 29, 1928	20	3	5	15
*2	Fawkes, Emerson Evans.....	Iowa.....	June 25, 1928	17	0	5	15
241	Feldscher, Willard.....	Wyoming.....	July 23, 1928	18	0	5	15

for the third year of their academic course, 440 members, June, 1931—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Navi- gation	Engineer- ing and aeronaу- tics	Mathe- matics	Electri- cal engineer- ing and physics	Lan- guages	Hygiene	Aptitude for service	Aggre- gate third year
Maximum									
24	24	48	52	40	48	12	4	48	300
17.34	17.70	34.80	37.81	28.20	34.02	8.00	3.38	36.48	217.73
18.36	17.04	36.18	37.43	27.30	33.78	8.62	3.86	41.28	223.85
17.46	18.66	33.48	38.16	25.90	33.54	8.02	3.55	33.48	212.25
18.60	16.32	35.40	36.02	25.80	32.88	8.90	3.53	36.24	213.69
18.48	16.98	37.50	38.17	27.00	35.70	8.38	3.34	36.12	221.67
17.58	16.98	36.36	34.41	28.40	34.44	9.40	3.41	39.24	220.22
18.78	17.94	38.88	38.07	29.60	37.44	8.79	3.48	36.84	229.82
18.36	18.48	40.50	38.28	29.00	33.72	8.99	3.24	39.36	229.93
20.82	20.70	40.80	43.55	32.50	39.66	8.61	3.27	39.96	249.87
20.40	19.74	41.04	40.30	31.90	38.58	8.98	3.36	39.36	243.66
18.78	16.98	39.12	37.06	25.80	36.06	8.39	3.50	36.84	222.53
18.12	19.74	39.60	39.32	26.80	36.54	8.78	3.47	38.16	230.53
18.96	16.56	37.98	37.71	28.10	34.38	8.99	3.12	41.64	227.44
20.28	18.90	37.44	40.25	29.30	37.26	11.13	3.66	42.48	240.70
18.30	17.46	38.10	38.42	27.30	35.70	8.58	3.51	38.76	226.13
19.62	20.40	38.40	43.28	29.50	39.48	8.91	3.84	38.40	241.83
19.86	19.14	39.42	39.99	30.80	39.42	11.10	3.86	39.24	242.82
19.86	17.64	34.56	39.15	25.60	33.66	9.42	3.38	39.12	222.39
19.08	18.18	36.48	36.79	28.50	36.84	8.66	3.65	38.88	227.06
18.42	17.34	35.76	37.56	27.80	32.88	9.79	3.34	42.36	225.25
17.16	16.74	32.82	37.68	25.70	32.28	8.12	3.53	37.56	211.59
18.06	17.88	36.54	38.61	29.30	36.06	8.83	3.41	39.96	228.65
17.10	17.46	38.70	37.44	32.80	36.72	9.77	3.32	42.24	235.55
17.40	18.66	34.32	36.85	28.60	36.96	10.10	3.06	42.00	227.95
21.30	18.96	41.58	42.09	28.10	40.02	9.68	3.43	40.80	245.96
16.92	16.56	33.36	36.35	25.70	34.20	9.56	3.31	43.32	219.28
18.78	18.90	37.26	41.63	29.70	37.68	9.11	3.53	42.00	238.59
21.24	21.36	39.54	43.18	29.70	38.28	8.50	3.79	37.44	243.03
17.76	18.06	37.02	38.96	25.60	33.96	8.31	2.99	41.52	224.18
17.64	16.68	37.26	35.58	26.70	34.26	9.54	3.34	39.48	220.48
16.92	17.52	32.88	35.63	26.60	32.82	7.84	3.29	36.12	209.62
17.82	17.40	34.32	36.59	26.80	34.20	8.88	3.28	38.52	217.81
19.08	17.64	33.96	37.77	27.50	35.22	8.25	3.40	38.64	221.46
20.64	19.08	42.30	38.68	33.20	38.58	10.41	3.52	40.32	246.73
19.92	20.58	38.76	42.18	31.30	38.58	10.67	3.70	39.00	244.69
15.96	16.26	35.46	35.88	30.70	35.46	7.92	3.18	34.32	215.14
16.74	15.54	32.34	37.28	25.40	32.28	10.06	3.78	37.80	211.22
21.78	18.90	39.18	40.27	28.30	36.24	10.59	3.82	41.40	240.48
19.44	19.56	42.60	42.90	31.40	39.12	8.71	3.58	36.00	243.31
19.56	20.04	38.88	43.28	31.80	40.44	10.35	3.40	40.20	247.95
19.08	17.64	38.28	39.77	30.40	37.68	7.91	3.43	39.00	233.19
16.02	15.66	32.10	34.64	26.70	32.16	8.07	3.64	42.00	210.99
21.72	17.94	37.98	39.99	28.80	37.08	8.88	3.42	38.76	234.57
18.90	17.46	36.66	38.69	28.60	35.34	8.64	3.25	37.92	225.46
21.72	21.84	42.78	46.15	34.30	40.56	11.49	3.63	40.08	262.55
21.48	20.70	42.12	45.23	31.20	41.04	9.73	3.71	39.96	255.17
15.78	16.62	33.00	37.39	26.60	36.30	8.14	2.98	37.32	214.13
19.92	18.24	41.40	38.64	33.50	36.24	8.38	3.68	35.64	235.64
17.82	18.00	35.10	38.72	25.90	34.44	7.95	3.36	39.24	220.53
17.64	17.46	33.90	37.12	26.00	33.72	9.82	3.51	40.20	219.37
18.00	17.64	32.64	36.97	26.10	34.98	9.02	3.42	36.60	215.37
18.54	18.90	37.44	38.99	28.90	36.78	8.65	3.49	37.80	229.49
20.94	20.28	36.18	39.56	26.70	34.56	10.10	3.72	40.80	232.84
22.08	21.36	44.88	46.62	38.40	43.68	10.95	3.89	38.76	270.62
18.78	17.70	36.66	37.63	28.50	38.10	8.79	3.50	37.80	227.46

MERIT ROLL OF THE PRESENT FIRST CLASS

Merit roll of the midshipmen of the present first class (class of 1932),

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
rr62	Fink, George Rickards.....	New Jersey.....	June 18, 1928	17	3	5	7
131	Finney, Earl Peck, jr.....	At large (Pres.).....	June 14, 1928	18	0	5	15
159	Fleck, Thomas Martin.....	Ohio.....	June 15, 1928	19	1	5	7
337	Flenniken, James Alexander.....	New York.....	July 6, 1928	17	11	5	15
113	Foley, Francis Drake.....	do.....	July 7, 1928	18	0	5	15
57	Ford, Joel Clarence, jr.....	Alabama.....	June 14, 1928	17	4	5	15
46	Frakes, Dale Roderick.....	Minnesota.....	June 29, 1928	19	6	5	15
g151	Francis, Harry Grover.....	New York.....	Aug. 27, 1928	16	6	2	24
75	Franklin, William Richard.....	do.....	June 17, 1927	19	10	5	15
*7	Frazer, Charles Leonard.....	Iowa.....	June 22, 1928	17	3	5	15
245	Freund, Bernard William.....	Virginia.....	June 19, 1928	17	11	5	15
115	Fulton, Robert Burwell, 2d.....	Mississippi.....	July 6, 1928	17	6	4	2
252	Gamble, Robert Lynn.....	Minnesota.....	June 25, 1928	17	11	5	15
259	Garrison, Malcolm Everett.....	Iowa.....	July 6, 1928	18	3	5	15
281	Gates, Albert Eugene, jr.....	Dis. of Columbia.....	June 30, 1927	18	7	5	15
79	Gibson, Scott Kendall.....	Washington.....	June 30, 1928	19	2	5	15
110	Gold, Charles Cary.....	Pennsylvania.....	July 16, 1928	17	9	5	15
372	Goodgame, Robert Edward, jr.....	Tennessee.....	July 9, 1928	19	2	5	15
382	Goodhue, Arthur Archibald.....	Massachusetts.....	June 28, 1928	19	11	5	15
234	Goodman, Daniel Crosby.....	Minnesota.....	June 22, 1928	20	1	5	15
293	Gorsline, Richard Howard.....	Illinois.....	July 6, 1928	17	0	5	15
195	Gothie, Daniel Shinton.....	Pennsylvania.....	July 31, 1928	17	10	5	15
42	Gramlich, Frederick Martin.....	New York.....	July 26, 1928	17	3	5	15
388	Greene, Richard Oden.....	Oklahoma.....	June 20, 1928	19	3	5	15
228	Greenlee, Archibald Wilson.....	Illinois.....	Aug. 31, 1928	17	6	5	15
146	Gregory, Richard Victor.....	Virginia.....	June 28, 1928	18	3	5	15
140	Grider, John McGavock.....	P. A. 348 (Pres.).....	June 27, 1928	17	7	5	15
74	Grouleff, Paul Henry.....	New York.....	June 15, 1928	18	0	5	15
191	Groverman, William Heald, jr.....	West Virginia.....	July 16, 1928	18	8	5	15
261	Halsey, LeRoy Bartlett.....	South Carolina.....	June 22, 1928	19	3	5	15
208	Hamilton, Mason Jay.....	Indiana.....	Aug. 2, 1928	17	6	5	15
54	Hanson, Albert Eugene.....	Wisconsin.....	June 29, 1928	18	10	5	15
254	Hardie, Thomas George.....	Iowa.....	do.....	20	1	5	15
320	Harral, Brooks Jared.....	New York.....	July 7, 1928	16	11	5	15
105	Harrington, Paul Herbert.....	do.....	Aug. 7, 1928	18	0	5	15
416	Harwell, Joseph LaPrade.....	Georgia.....	Sept. 4, 1928	19	11	5	15
302	Harwood, Richard Drury.....	Tennessee.....	Aug. 11, 1927	17	11	5	15
166	Hayes, J Harry.....	New Jersey.....	June 21, 1928	19	11	5	15
403½	Head, Harvey Hatcher.....	Georgia.....	July 2, 1928	20	1	5	15
139	Heinlein, Oscar Allen, jr.....	Missouri.....	June 22, 1928	16	6	5	15
178	Hendrick, Hugh Lee, jr.....	Texas.....	June 19, 1928	18	5	5	15
134	Hobbs, George Orrin.....	Idaho.....	July 17, 1928	20	0	5	15
*29	Hodge, Ernest Debbes.....	California.....	June 21, 1928	18	8	5	15
147	Hodgkins, Edward Ruggles.....	Arizona.....	July 16, 1928	18	1	5	15
322	Holloway, Carlton Elbridge.....	Massachusetts.....	June 22, 1928	18	4	5	15
408	Holloway, William Ponder.....	Texas.....	June 15, 1928	17	8	5	7
313	Holmes, William McClintie.....	Oklahoma.....	June 19, 1928	17	8	5	7
371	Holt, Phillip Christian.....	P. A. 348 (Pres.).....	June 21, 1928	18	10	5	15
330	Hooper, John Hall.....	New York.....	Aug. 23, 1928	18	1	5	15
328½	Hopkins, Thomas Walton.....	Maryland.....	Aug. 7, 1928	17	5	5	15
*11	Horner, John Stuart.....	Michigan.....	July 23, 1928	16	11	5	15
167	Howe, Frederic Northey.....	P. A. 348 (Pres.).....	July 6, 1928	17	6	5	15
378	Howle, Wilbur Graham.....	South Carolina.....	July 20, 1928	17	9	5	15
90	Hughes, George Ervin.....	Oklahoma.....	July 6, 1928	17	4	5	15
*30	Hull, Harry.....	Georgia.....	July 9, 1928	16	6	5	15

for the third year of their academic course, 440 members, June, 1931—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Navi- gation	Engineer- ing and aeronaу- tics	Mathe- matics	Electri- cal engineer- ing and physics	Lan- guages	Hygiene	Aptitude for service	Aggre- gate third year
Maximum									
24	24	48	52	40	48	12	4	48	300
20.16	19.38	42.18	40.82	33.60	39.00	9.02	3.54	39.12	246.82
20.88	19.14	40.86	39.80	30.00	35.76	8.89	3.43	39.96	238.72
19.98	17.64	36.54	38.72	30.60	37.08	9.43	3.38	41.88	235.25
16.74	16.50	36.36	37.23	27.60	33.90	9.39	3.68	36.60	218.00
20.58	20.16	39.30	42.14	28.60	36.30	10.12	3.63	39.96	240.79
21.42	19.92	40.68	41.32	30.20	38.52	9.27	3.46	42.72	247.51
22.38	20.82	41.04	41.88	31.90	41.58	9.02	3.52	39.48	251.62
18.30	18.12	38.46	39.68	31.30	40.26	8.61	3.37	37.80	235.90
20.22	19.08	39.24	41.14	32.50	39.18	9.43	3.30	41.04	245.13
22.08	21.18	43.80	47.18	34.70	43.02	10.64	3.87	42.60	269.07
18.60	17.70	36.66	38.42	29.50	35.10	8.45	3.23	39.60	227.26
19.80	20.28	41.34	38.38	30.60	37.68	9.51	3.63	39.36	240.58
18.96	18.72	37.08	36.89	30.20	37.92	8.44	3.59	34.68	226.48
18.30	17.34	35.40	37.76	26.00	35.40	9.27	3.47	42.60	225.54
19.26	18.06	36.66	36.84	27.90	34.62	9.26	3.41	37.92	223.93
18.42	17.88	38.22	42.83	32.80	42.66	8.83	3.87	39.36	244.87
20.76	19.44	40.08	41.93	31.40	38.04	8.91	3.57	36.96	241.09
16.08	16.50	33.54	35.48	26.30	33.84	8.14	3.35	40.56	213.79
17.04	16.50	32.88	35.75	25.80	33.78	8.89	3.40	38.52	212.56
19.68	17.76	34.56	37.47	26.80	36.48	9.37	3.55	42.12	227.79
17.28	17.64	36.36	36.03	27.20	34.68	10.13	3.56	39.96	222.84
19.32	18.66	37.74	40.65	28.00	35.40	8.92	3.62	39.12	231.43
20.70	20.46	39.96	43.39	30.50	41.46	10.37	3.65	41.76	252.25
15.66	17.22	32.28	37.29	26.40	33.60	8.90	3.17	37.56	212.08
16.86	15.24	36.78	36.71	34.00	40.98	8.18	3.52	36.24	228.51
19.08	18.90	37.80	40.58	30.30	38.52	8.54	3.48	39.12	236.32
20.22	19.80	38.40	39.70	31.20	36.66	8.83	3.22	39.48	237.51
19.98	18.96	41.16	41.67	31.50	40.20	9.28	3.28	39.12	245.15
19.38	18.78	37.50	37.98	29.40	37.62	8.47	3.50	39.48	232.11
18.42	18.12	36.90	39.50	26.90	36.78	7.92	3.11	37.80	225.45
18.84	17.40	36.90	39.91	27.20	36.60	9.21	3.28	40.80	230.14
21.42	19.26	42.90	39.74	32.60	39.96	10.49	3.61	39.84	249.82
19.14	17.04	36.60	36.69	30.80	35.34	8.64	3.43	38.64	226.32
17.52	16.68	34.80	36.17	25.70	37.98	8.16	3.71	39.24	219.96
20.22	19.14	39.48	39.93	31.70	38.82	9.39	3.62	39.24	241.54
15.60	15.72	30.06	33.24	26.30	31.08	8.47	3.18	39.84	203.49
18.66	16.92	35.64	37.04	27.40	35.70	8.88	3.23	38.52	221.99
18.96	19.86	39.78	39.49	29.30	37.80	10.44	3.21	35.64	234.48
16.08	15.30	33.00	35.59	26.40	32.94	8.76	3.29	37.08	208.44
17.28	17.10	39.48	39.84	32.70	40.38	8.13	3.20	39.48	237.59
18.48	17.64	38.16	38.45	32.70	37.32	8.92	3.46	38.40	233.53
20.28	19.74	39.60	39.82	30.00	37.56	9.74	3.68	37.92	238.34
20.76	19.80	42.66	43.38	33.90	42.48	9.70	3.70	39.72	256.10
20.04	20.34	37.86	39.70	28.30	34.80	9.85	3.67	41.64	236.20
17.88	17.16	33.18	35.09	27.20	34.92	9.68	3.43	41.16	219.70
16.62	15.66	33.42	34.72	25.60	31.56	9.11	3.34	36.84	206.87
18.18	18.24	34.56	38.43	25.60	33.90	8.52	3.75	39.72	220.90
16.38	16.02	36.30	35.79	27.20	35.52	7.71	3.04	35.88	213.84
18.66	18.12	34.80	40.11	25.40	33.30	8.18	3.11	36.96	218.64
19.08	18.00	33.30	38.71	26.70	33.00	7.96	3.73	38.28	218.76
21.00	21.00	42.90	46.82	35.00	43.68	9.51	3.71	39.84	263.46
18.78	18.36	36.36	39.85	30.30	36.78	9.23	3.76	41.04	234.46
16.32	16.68	35.88	34.28	26.80	34.02	10.12	3.45	35.40	212.95
18.90	19.86	39.00	43.58	29.90	40.98	9.96	3.74	37.44	243.36
21.00	19.74	42.54	41.48	36.40	40.20	10.88	3.45	39.84	255.53

MERIT ROLL OF THE PRESENT FIRST CLASS

Merit roll of the midshipmen of the present first class (class of 1932),

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
283	Humes, Ralph Martin	Rhode Island	June 28, 1928	18	4	5	15
381	Humiston, Julian Gray	Idaho	June 15, 1928	18	10	5	25
*26½	Hummer, Harry Cessna	Pennsylvania	June 30, 1926	16	5	9	29
220	Humrichouse, James Walker	do	July 6, 1928	17	3	5	15
127	Hunter, George Cuthbert	South Dakota	July 9, 1928	17	5	5	15
262	Hurley, Thomas Benedict	New York	June 15, 1928	19	8	4	22
*10	Hurst, Edwin William	South Dakota	Aug. 2, 1928	17	10	5	15
237	Hutchings, Charles Slack	Texas	June 29, 1928	19	5	5	15
231	Hutchison, George Leland	Colorado	July 24, 1928	18	5	5	15
158	Hydeman, Earl Twining	Ohio	Sept. 1, 1928	17	2	5	15
350	Innis, Walter Deane	Indiana	Aug. 31, 1928	19	6	5	15
*25	Jaap, Joseph Abraham	Colorado	July 7, 1928	19	6	5	15
67	Jacobs, John Francis, jr.	New Jersey	July 9, 1928	16	6	5	15
344	James, George Shearman, jr.	Maryland	June 22, 1928	17	7	5	7
321½	Jewett, Garry William, jr.	Washington	June 21, 1928	19	5	4	2
376	Johnson, Clifford Arthur	Illinois	July 9, 1928	17	10	5	15
250	Johnson, John Henry Stewart	Mississippi	June 18, 1928	19	5	5	15
219	Johnson, Ralph Clarence	Illinois	June 29, 1928	17	6	5	15
268	Johnson, Stanley Howard	Michigan	July 20, 1928	16	6	5	15
38	Jones, John Paul, jr.	Oregon	July 16, 1928	19	11	5	15
339	Jonson, William Crawford, jr.	Kentucky	June 18, 1928	18	5	5	15
355	Jukes, Herbert Lollis	Arkansas	June 29, 1928	20	0	5	15
306	Kaplan, Albert David	Iowa	June 18, 1928	18	0	5	15
255	Kasperek, Clarence Emery	Nebraska	June 21, 1928	18	7	5	15
108	Kaufman, John Holladay	At large (Pres.)	June 14, 1928	18	1	5	15
377	Keen, Cleo Rafter	Missouri	June 22, 1928	18	7	5	15
383	Keene, Charles, jr.	Dist. of Columbia	June 21, 1928	19	2	5	15
84	Kehl, George William	Texas	June 28, 1928	19	5	5	15
41	Kelly, William Daniel	Pennsylvania	June 19, 1928	17	8	5	15
199	Kemper, James Lawson	California	Aug. 29, 1928	19	4	5	15
242	Kenna, William Edward	West Virginia	June 29, 1928	17	4	5	15
80	Kerr, Robert Hartley	New York	June 22, 1928	17	11	5	15
*24	Keyes, Charles Melville	Colorado	June 21, 1928	18	3	5	15
39	Kinert, David Frederic	Washington	June 29, 1928	18	9	5	15
417	King, Otis Bascom	Alabama	June 15, 1927	17	8	8	6
95	Kintberger, Leon Samuel	Maryland	Aug. 30, 1928	18	4	5	15
111	Kirn, Louis Joseph	Wisconsin	July 6, 1928	20	1	4	22
145	Klinksiek, Henry Tilman	Missouri	June 29, 1928	19	5	5	15
136	Knock, Daniel Clyde, jr.	Kansas	June 22, 1928	18	5	5	15
93	Knoertzer, Halford A.	Washington	do	17	4	5	15
274	Koivisto, Martin Mathew	Michigan	June 18, 1928	19	1	5	15
240	Konrad, Edmond George	Wisconsin	June 21, 1928	19	4	4	22
359	Kretz, Charles Henry, jr.	Oklahoma	June 15, 1928	18	4	5	15
82	Kuhl, Joseph Howard	Iowa	July 16, 1928	20	3	5	15
409	Labouisse, Samuel Stanhope	Louisiana	Aug. 31, 1928	18	11	5	15
329	Lamade, John Dietrick	Pennsylvania	July 7, 1928	18	3	5	7
37	Lambert, Richard Holland	Massachusetts	July 6, 1928	18	2	5	15
188	Langen, Thomas David Francis	do	June 22, 1928	20	2	5	15
206	Lank, Theodore Small	Delaware	July 7, 1928	19	1	5	15
346	Lanman, Charles Burrows	Arizona	July 16, 1928	19	3	5	15
367	Lapidus, Earl Alvin	Nebraska	July 31, 1928	18	4	5	15
97	Lark, Jacob Aucker	Pennsylvania	July 6, 1928	18	5	5	15
224	Latta, Frank De Vere	Iowa	July 23, 1928	19	6	5	15
331	Lavery, Richard John	Illinois	July 19, 1928	18	3	5	15
89	Leeds, John Raymond	Pennsylvania	June 15, 1928	20	2	5	15

for the third year of their academic course, 440 members, June, 1931—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Navi- gation	Engineer- ing and aeronautics	Mathe- matics	Electri- cal engineer- ing and physics	Lan- guages	Hygiene	Aptitude for service	Aggre- gate third year
Maximum									
24	24	48	52	40	48	12	4	48	300
18.48	17.40	36.78	38.23	26.90	36.66	8.65	3.34	37.44	223.88
18.00	16.14	33.48	34.82	27.10	33.06	9.61	3.16	37.20	212.57
21.42	18.72	45.12	42.17	33.70	41.40	9.29	3.44	41.28	256.54
18.72	17.40	39.06	37.42	28.00	35.82	8.80	3.57	40.56	229.35
18.96	18.78	38.94	38.98	31.70	39.18	9.03	3.51	39.96	239.04
18.24	16.50	37.08	35.63	28.40	35.46	8.57	2.96	42.60	225.44
21.54	20.64	42.96	44.54	36.20	43.68	10.19	3.78	40.32	263.85
19.80	16.20	37.44	38.84	30.80	36.06	8.87	3.45	36.24	227.70
18.60	18.12	35.28	38.47	28.20	35.28	9.17	3.71	41.28	228.11
18.90	19.26	39.54	39.88	28.50	36.54	10.20	3.45	39.00	235.27
16.68	16.50	34.26	37.01	28.20	33.54	9.07	3.51	38.04	216.81
22.02	21.12	40.74	45.10	32.20	40.44	10.79	3.65	40.68	256.74
21.24	20.82	42.12	41.24	32.90	37.80	11.02	3.56	35.28	245.98
16.86	16.26	37.80	36.07	28.00	33.36	8.51	3.26	37.44	217.56
17.76	18.78	38.54	37.97	25.90	33.84	8.61	3.61	39.72	219.73
16.86	15.78	34.20	35.76	25.90	33.24	8.76	3.46	39.36	213.32
18.90	17.58	36.36	39.06	26.00	35.46	9.33	3.72	40.32	226.73
18.90	17.76	37.44	38.92	28.70	38.40	9.02	3.15	37.08	229.37
17.70	18.54	37.98	37.60	31.20	36.96	8.47	3.36	33.24	225.05
21.12	20.46	41.04	42.21	33.70	40.26	8.89	3.44	41.52	252.64
18.30	16.38	33.42	37.17	26.70	34.80	8.76	3.78	38.52	217.83
17.28	17.04	33.30	36.79	26.10	33.18	8.27	3.19	41.04	216.19
17.94	16.26	35.94	37.05	29.70	35.04	8.50	3.64	37.44	221.51
18.54	19.62	35.28	38.61	25.50	36.24	9.14	3.26	40.08	226.27
19.98	20.10	38.58	41.86	30.10	38.04	9.15	3.42	40.08	241.31
16.86	16.26	34.62	36.90	28.60	32.58	8.01	3.82	35.64	213.29
16.50	17.22	36.60	35.92	25.30	32.82	8.08	3.21	36.72	212.37
19.44	19.32	38.58	41.03	31.00	38.94	10.39	3.30	41.76	243.76
21.54	20.04	41.10	41.72	33.60	42.18	9.51	3.36	39.24	252.29
18.00	18.72	36.18	37.67	29.70	39.06	8.91	3.62	39.36	231.22
19.02	18.60	38.76	37.99	26.80	36.90	8.09	3.61	37.68	227.45
21.00	19.86	39.00	41.69	30.40	38.88	8.71	3.77	41.40	244.71
21.18	19.62	41.40	43.03	35.10	40.86	11.21	3.46	41.40	257.26
20.58	20.10	39.06	43.64	33.90	42.90	9.63	3.53	39.24	252.58
16.26	16.50	31.98	35.47	26.60	31.50	8.37	3.12	33.00	202.80
18.84	18.36	40.50	41.23	35.60	39.18	8.22	3.23	37.80	242.96
19.50	18.96	37.86	40.98	28.90	39.48	9.03	3.64	42.72	241.07
17.22	17.16	38.70	39.92	33.10	39.72	9.25	3.78	37.56	236.41
20.34	17.52	39.66	39.92	31.60	38.52	10.10	3.17	37.32	238.15
20.46	19.80	40.68	41.74	29.10	39.06	9.87	3.74	38.64	243.09
17.82	18.00	37.38	39.72	26.50	33.84	8.23	3.42	39.60	224.51
17.52	18.60	37.14	37.76	29.20	35.40	8.35	3.10	40.44	227.51
17.34	16.68	32.52	38.26	25.10	35.70	7.80	3.29	38.64	215.33
21.24	19.62	38.16	42.67	29.60	39.30	8.92	3.62	41.16	244.29
16.92	16.32	34.20	35.93	26.50	32.52	8.01	3.70	32.76	206.86
17.64	16.80	34.86	37.67	27.60	33.96	8.31	3.60	38.28	218.72
20.16	19.44	42.36	42.35	32.50	41.76	10.08	3.71	40.44	252.80
19.32	19.38	38.28	39.76	30.20	36.42	8.88	3.63	36.72	232.59
17.34	17.10	39.18	38.18	30.80	37.08	8.08	3.35	39.12	230.23
17.52	16.20	34.20	35.83	29.80	35.22	8.15	3.53	37.08	217.53
16.02	16.14	35.40	36.38	29.10	34.62	8.92	3.68	34.08	214.34
20.34	18.90	37.62	40.95	31.30	38.82	8.65	3.49	42.72	242.79
17.64	18.30	37.50	40.70	27.80	34.80	8.48	3.59	39.96	228.77
18.06	16.86	34.38	36.30	27.30	33.60	9.00	3.39	39.72	218.61
20.58	19.50	38.82	41.35	29.30	37.98	8.88	3.57	43.44	243.42

MERIT ROLL OF THE PRESENT FIRST CLASS

Merit roll of the midshipmen of the present first class (class of 1932),

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice-ships	
				Years	Months	Months	Days
282	Leonard, Robert Craven.....	North Carolina.....	June 19, 1928	18	8	5	15
356	Letts, Kenneth Pearle.....	Michigan.....	June 28, 1928	19	7	5	15
122	Leverett, Travis Robert.....	Texas.....	June 20, 1928	18	3	5	15
246	Lewis, John Stephen.....	At large (V. P.).....	June 22, 1928	20	2	5	15
*23	Lewis, Porter.....	Alabama.....	July 16, 1928	17	1	5	15
198	Lewis, Walter Henry.....	Pennsylvania.....	June 19, 1928	18	6	5	15
83	Lietwiler, John Marion.....	Ohio.....	June 25, 1928	20	2	5	15
193	Little, Rex Beach.....	Kansas.....	June 14, 1928	17	11	5	15
215	Lockwood, Harris Cade.....	New York.....	June 19, 1928	19	9	5	15
170	Loughlin, Joseph James, jr.....	P. A. 348 (Pres.).....	July 6, 1928	20	0	5	15
351	Lowndes, Thomas Pinckney.....	South Carolina.....	June 28, 1928	19	4	5	15
353	Lucier, Roland Omer.....	Montana.....	June 29, 1928	19	11	5	15
244	Luker, George Robert.....	Illinois.....	June 14, 1928	20	0	5	15
223	Lunger, John Philip.....	New York.....	June 19, 1928	18	7	5	15
401	Lyons, Charles Malaher, jr.....	Massachusetts.....	July 9, 1928	18	9	5	15
394	Lyons, William Beauveau Borie.....	Pennsylvania.....	July 2, 1928	19	1	5	15
418	Maher, Eugene Hugh.....	Utah.....	July 25, 1928	20	3	5	15
295	Major, Albert Sidney, jr.....	Virginia.....	June 29, 1928	19	11	5	7
230	Mallory, Charles King, jr.....	Maryland.....	June 25, 1928	18	7	5	15
*4½	Mandelkorn, Richard Shai.....	Illinois.....	July 9, 1928	17	11	5	15
398	Mang, Louis Wilbur.....	Maryland.....	June 28, 1928	19	6	5	15
171	Marshall, James Gilbert.....	Tennessee.....	June 19, 1928	18	1	5	15
297	Mather, Max Chapman.....	Ohio.....	July 2, 1928	19	4	5	15
200	Matter, Alfred Richard.....	Montana.....	July 20, 1928	18	5	5	15
205½	Maulsby, Robert John Costley.....	Iowa.....	June 21, 1927	17	2	6	0
385	Mayer, Rollins Harry.....	Missouri.....	June 22, 1928	19	8	5	15
363	McAlpine, Lloyd Hiram.....	Massachusetts.....	June 28, 1928	19	10	5	15
229	McCandless, Bruce.....	Colorado.....	June 14, 1928	16	10	5	15
342	McCarley, Henry Harris.....	South Carolina.....	July 23, 1928	18	3	5	15
289	McCormick, John Joseph.....	Pennsylvania.....	June 19, 1928	17	10	5	15
341	McCornock, Samuel Aldo.....	Michigan.....	July 16, 1928	17	6	5	15
327	McCrea, Victor B.....	Ohio.....	June 26, 1928	19	11	3	21
298	McDonald, David Harold.....	Tennessee.....	June 28, 1928	20	2	5	15
345	McGoldrick, Joseph Aloysius.....	Pennsylvania.....	July 30, 1928	19	5	5	15
287	McIver, DeWitt Clinton, jr.....	North Carolina.....	June 19, 1928	18	0	5	15
328	McLeod, Donald King.....	Nevada.....	June 22, 1928	18	8	5	15
338	Meador, Equen Burselon.....	New York.....	June 29, 1928	18	5	5	15
222	Miller, John Stanley.....	Texas.....	June 25, 1928	19	8	5	15
*15	Miller, William Reynolds.....	Maryland.....	July 17, 1928	16	10	5	7
*6	Mitchell, Gilbert Hesser.....	Pennsylvania.....	July 23, 1928	17	3	5	15
349	Moncure, Samuel Pemberton.....	Virginia.....	Sept. 1, 1928	18	11	5	7
277	Montgomery, Thomas Jefferson.....	Ohio.....	June 22, 1928	17	8	5	15
138	Moore, Harry Grimshaw.....	Georgia.....	July 9, 1928	19	5	5	15
308	Moore, John Anderson.....	Arizona.....	June 15, 1928	18	5	5	15
265	Moore, Robert Brevard.....	North Carolina.....	July 7, 1928	18	9	5	15
414	Morgan, Robert Arian.....	New Hampshire.....	July 6, 1928	18	2	5	7
34	Morse, John Henry, jr.....	South Carolina.....	June 22, 1928	18	1	5	15
291½	Munger, Malcolm Townsend.....	Massachusetts.....	July 9, 1928	19	4	5	15
88	Munholland, John.....	Louisiana.....	June 22, 1928	17	7	5	15
*12	Munson, Henry Glass.....	California.....	June 29, 1928	18	6	5	15
123	Murphy, Charlton Lewis, jr.....	Pennsylvania.....	June 28, 1928	20	2	5	15
248	Murphy, Jerome Elmer, jr.....	New York.....	July 19, 1928	18	11	5	3
71	Murray, Ellsworth Neil.....	Minnesota.....	June 14, 1928	18	0	5	15
263	Musgrave, Charles Wiegel.....	Ohio.....	July 9, 1928	18	10	5	15
*16	Mustin, Lloyd Montague.....	Pennsylvania.....	June 14, 1928	16	11	5	15

for the third year of their academic course, 440 members, June, 1931—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Navi- gation	Engineer- ing and aeronau- tics	Mathe- matics	Electri- cal engineer- ing and physics	Lan- guages	Hygiene	Aptitude for service	Aggre- gate third year
Maximum									
24	24	48	52	40	48	12	4	48	300
17.88	18.06	36.24	37.20	26.90	34.08	8.61	3.41	41.52	223.90
17.64	17.70	33.00	37.65	27.30	34.02	8.87	3.08	36.36	215.62
20.22	19.20	41.16	40.68	30.00	37.86	8.76	3.74	37.56	239.18
18.24	18.48	35.94	39.22	26.60	35.22	9.74	3.59	40.20	227.23
21.42	20.76	42.48	42.10	35.40	43.02	9.72	3.75	39.00	257.65
18.00	17.58	33.46	38.16	29.90	37.14	8.59	3.44	39.96	231.23
20.76	20.40	39.42	41.09	28.80	38.88	11.01	3.75	40.08	244.19
20.04	18.42	38.10	39.12	28.30	37.56	9.27	3.97	36.84	231.62
18.60	17.46	36.12	40.06	28.10	36.12	8.24	3.89	40.92	229.51
19.86	19.62	37.50	41.31	27.20	36.18	9.31	3.34	39.84	234.16
17.22	17.52	34.20	37.83	26.20	32.94	7.70	3.45	39.72	216.78
18.78	17.04	32.16	36.97	27.90	36.54	8.37	3.51	35.16	216.43
18.84	17.64	36.54	39.55	26.40	35.04	8.25	3.38	41.76	227.40
19.26	17.46	36.84	38.12	27.00	35.82	10.51	3.49	40.32	228.82
16.50	16.26	33.48	35.45	27.60	33.24	8.73	3.25	35.64	210.15
17.88	15.36	33.72	35.66	26.40	33.36	9.28	3.19	36.48	211.33
16.20	15.60	31.98	34.87	25.30	30.18	7.70	3.20	31.68	196.71
18.18	17.70	32.88	38.68	27.10	34.80	7.81	3.25	42.36	222.76
19.14	19.92	35.34	39.81	27.10	34.92	8.45	3.33	40.32	228.33
21.84	21.36	44.82	46.49	37.60	45.72	10.81	3.81	37.20	269.65
16.98	16.80	32.88	36.86	26.60	33.06	8.33	3.30	35.88	210.69
20.10	18.96	38.64	37.97	27.90	40.50	8.34	3.09	38.64	234.14
19.26	17.22	35.10	38.52	25.90	33.36	8.94	3.70	40.68	222.68
19.62	18.36	36.66	38.63	27.60	36.66	9.37	3.35	40.80	231.05
20.88	17.64	38.58	39.32	30.20	36.12	9.76	3.69	34.08	230.27
15.42	16.20	32.16	37.27	26.50	36.42	8.10	3.64	36.60	212.31
18.36	16.56	33.36	35.90	25.80	33.06	8.62	3.45	39.72	214.83
18.96	17.46	38.10	38.39	26.80	35.46	8.45	3.85	40.92	228.39
18.66	17.70	33.12	37.29	25.80	35.46	8.61	3.30	37.80	217.74
18.66	17.64	35.04	38.62	26.90	34.32	8.69	3.77	39.48	223.12
17.70	17.34	34.98	36.05	27.80	36.78	7.96	3.55	35.64	217.80
17.88	16.62	33.48	36.72	25.80	33.72	7.78	3.41	43.56	218.97
18.12	17.28	36.60	38.04	28.60	34.92	9.21	3.27	36.60	222.64
17.58	16.20	36.78	36.60	28.40	33.66	8.12	3.24	36.96	217.54
17.94	17.46	34.80	38.26	27.80	34.50	9.24	3.62	40.08	223.70
18.60	16.74	34.44	37.52	27.20	33.30	8.39	3.49	39.24	218.92
19.92	15.96	33.54	37.11	26.10	33.66	8.28	3.62	39.72	217.91
19.02	19.50	36.24	39.29	25.40	35.82	10.49	3.53	39.60	228.89
20.40	20.58	43.20	45.21	34.90	42.84	9.70	3.68	41.52	262.03
22.86	21.18	44.34	46.02	35.20	43.32	11.50	3.60	41.52	269.54
18.24	16.20	32.88	35.85	26.60	33.24	8.24	3.94	41.76	216.25
17.64	19.14	35.16	37.04	26.80	35.76	8.53	3.75	40.44	224.26
19.62	18.78	37.68	41.38	30.20	37.80	9.13	3.79	39.48	237.86
17.58	16.80	34.80	36.98	28.40	35.40	8.95	3.29	39.24	221.44
18.66	17.16	35.22	38.63	28.20	34.38	8.28	3.39	41.40	225.32
16.92	16.08	32.46	33.50	25.40	31.92	8.02	3.45	36.12	203.87
21.42	20.22	40.38	44.79	31.10	42.78	9.83	3.59	40.08	254.19
17.58	17.52	35.64	36.77	28.00	35.88	8.20	3.49	39.84	222.92
19.74	18.90	37.92	42.16	29.80	40.50	9.83	3.66	40.92	243.43
21.36	20.76	43.56	45.09	37.40	43.86	9.24	3.81	37.56	262.64
19.98	18.96	38.70	41.69	29.50	37.62	8.40	3.51	40.80	239.16
18.66	16.20	38.04	36.83	28.20	38.46	8.74	3.60	38.28	227.01
19.68	19.86	39.66	40.35	30.00	40.20	10.67	3.69	41.16	245.27
19.68	16.74	35.46	37.11	28.50	35.82	8.09	3.44	40.56	225.40
22.56	21.90	41.40	46.74	33.10	41.76	10.14	3.54	40.80	261.94

Merit roll of the midshipmen of the present first class (class of 1932),

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice-ships	
				Years	Months	Months	Days
187	Myers, Jacob Christian	California	June 29, 1928	18	9	5	15
128	Nelson, Carl Philip	North Dakota	June 15, 1928	18	6	5	15
98	Nicholas, Nicholas John	Maine	June 22, 1928	19	2	5	15
226	Nisewaner, Terrell Andrew	Idaho	June 29, 1928	18	2	5	7
157	Nuessle, Francis Edward	North Dakota	June 27, 1928	17	5	5	15
272	O'Connor, Michael Bernard	Oregon	June 20, 1928	18	6	5	15
104	Odend'hal, Charles Joseph, jr	Massachusetts	Aug. 23, 1928	17	7	5	15
36	Osler, Paul Gordon	Iowa	June 14, 1928	18	0	5	15
312	Ottinger, George Malone	Tennessee	Aug. 27, 1928	18	4	5	15
179	Outerson, William	California	Aug. 7, 1928	18	7	5	15
366	Ovrom, Allan Alfred	Wisconsin	June 22, 1928	18	3	5	15
370	Owens, Hinton Allen	Georgia	July 25, 1928	19	4	5	15
*20	Palmer, Charles Joseph	New Hampshire	July 18, 1928	17	11	5	15
202	Parker, Alton E	Idaho	June 22, 1928	19	8	5	15
197	Parker, Frank Mahlon	Indiana	do	17	9	5	15
rr 354	Parks, John Robert	Missouri	June 21, 1928	20	0	5	7
413	Parrish, Lloyd Withers	New Mexico	July 5, 1927	19	10	5	15
69	Pavlic, Milton Frank	Ohio	June 25, 1928	18	6	5	15
217	Payne, Edwin Kent	West Virginia	June 21, 1928	19	10	5	15
415	Perkins, Charles Elliott	North Carolina	June 28, 1928	19	2	5	7
160	Perkins, William Beckwith, jr	Virginia	June 21, 1928	17	4	5	15
*17	Pfingstag, Paul William	Indiana	July 18, 1928	17	6	5	15
314	Phares, Everett Lang	Maryland	June 28, 1928	19	9	4	14
285	Phillips, Charles Edwin	Iowa	July 6, 1927	18	2	5	11
360	Phipps, Joseph Clark	Virginia	June 21, 1928	19	3	5	15
267	Pierce, George Ellis	Tennessee	June 19, 1928	18	8	5	15
288	Pinkston, Earl Roland	Georgia	June 15, 1928	18	5	5	15
102	Pitts, Ray Maurer	Texas	June 28, 1928	18	9	5	15
59	Pletta, Fred Arthur	Illinois	July 31, 1928	18	11	5	15
400	Porter, George Egbert, jr	Pennsylvania	July 17, 1928	19	1	5	15
70	Porter, Robert Reed	Wisconsin	June 25, 1928	17	11	5	15
212	Pressey, George Washington	Virginia	July 6, 1928	18	0	5	15
77	Prince, Howard Riche	Tennessee	June 28, 1928	19	8	5	15
190	Quarles, Samuel Frank	Virginia	June 19, 1928	17	5	5	15
350½	Quirk, Phillip Decatur	At large (Pres.)	June 14, 1928	18	5	4	18
257	Ramey, John William	Kentucky	June 22, 1928	19	10	5	15
66	Raring, George Louis	Pennsylvania	July 16, 1928	17	6	5	15
365	Raymond, William Henry, jr	North Dakota	June 19, 1928	18	0	5	15
65	Reilly, James Vincent	New York	Aug. 1, 1928	19	4	5	15
42	Reiter, Harry Lee, jr	Colorado	July 17, 1928	18	7	5	15
185	Rhoads, Norwood Brouse, jr	Louisiana	do	19	9	5	15
303	Rice, George Frank	New Hampshire	June 18, 1928	19	1	5	15
73	Richards, William LeRoy	Missouri	July 9, 1928	17	6	5	15
304	Roach, John Paul	Texas	June 28, 1928	18	10	5	15
333	Robards, William Camp Fitz-Hugh	At large (Pres.)	June 14, 1928	17	6	5	15
249	Roblin, Robert Downing	New York	June 15, 1928	17	3	5	15
236	Rogers, George Pearsall	Alabama	June 16, 1928	18	11	5	15
rr 388½	Rooney, George Arthur	Kansas	June 22, 1928	16	6	5	15
362	Ross, Robert Davis	Ohio	June 15, 1928	20	0	5	15
352	Roudebush, Jack	California	July 2, 1928	18	1	4	14
326	Rounds, Horace Priest	Massachusetts	July 9, 1928	19	2	5	15
*1	Ruckner, Edward Aberle	New Jersey	do	18	8	5	15
40	Ruhlman, Fred Lee	Nebraska	June 14, 1928	19	3	5	15
323	Sampson, Norman John	Connecticut	July 9, 1928	18	9	5	15
124	Sargent, Harold Lazelle	Missouri	June 28, 1928	17	7	5	15

for the third year of their academic course, 440 members, June, 1931—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Navi- gation	Engineer- ing and aeronautics	Mathe- matics	Electri- cal engineer- ing and physics	Lan- guages	Hygiene	Aptitude for service	Aggre- gate third year
Maximum									
24	24	48	52	40	48	12	4	48	300
17.04	18.54	39.06	39.33	31.20	40.14	9.36	3.22	34.92	232.81
18.18	19.44	37.80	41.93	29.40	40.20	9.75	3.55	38.76	239.01
21.12	21.06	37.38	43.83	29.70	37.38	9.37	3.62	38.88	242.34
18.96	17.22	35.76	40.09	28.50	35.64	9.80	3.44	39.12	228.53
18.66	19.50	39.84	42.59	31.30	36.00	8.30	3.69	35.40	235.28
17.40	17.04	36.90	38.07	27.50	36.84	8.98	3.54	38.40	224.67
18.24	19.92	39.00	42.96	29.70	36.60	9.37	3.40	42.48	241.67
21.42	19.80	42.66	42.95	32.90	40.98	8.92	3.64	39.60	252.87
18.96	19.20	37.86	38.76	27.20	35.94	8.87	3.22	30.00	220.91
20.10	18.84	35.04	39.94	28.40	40.68	8.14	3.62	38.76	233.52
17.28	16.26	34.20	36.46	27.10	34.38	8.94	3.59	36.24	214.45
16.14	16.32	33.06	36.77	27.50	33.54	8.43	3.66	38.52	213.94
21.42	21.48	41.40	45.10	32.80	42.00	10.35	3.67	41.16	259.38
17.28	18.42	36.18	38.94	30.10	36.12	9.35	3.35	41.28	231.02
19.32	16.68	36.96	39.05	27.30	37.74	8.83	3.84	41.52	231.24
17.70	17.34	35.46	36.48	25.70	33.42	9.86	3.35	37.08	216.39
16.02	16.08	31.18	35.91	26.10	33.30	7.79	3.49	34.92	204.79
20.64	20.04	40.38	44.07	30.00	39.12	8.34	3.64	39.36	245.59
19.66	17.34	35.82	41.06	27.30	37.02	8.21	3.39	39.48	229.48
16.08	15.60	31.92	34.34	25.90	31.92	7.83	3.55	36.48	208.62
20.04	19.62	37.68	39.05	28.10	38.22	9.98	3.63	38.88	235.20
21.06	20.28	42.30	44.95	35.90	41.76	10.35	3.47	41.52	261.59
18.24	17.22	34.80	36.02	27.50	34.20	9.12	3.30	40.32	220.72
17.52	18.18	36.00	39.10	26.60	35.88	9.33	3.79	37.34	223.84
17.10	17.46	33.54	38.14	26.80	34.50	8.51	3.40	35.76	215.21
18.42	17.82	38.40	37.40	27.20	36.66	9.25	3.67	36.36	225.18
17.52	17.88	35.10	37.67	28.30	35.46	9.74	3.38	38.52	223.57
18.84	19.62	36.96	42.06	31.60	38.64	10.41	3.14	40.68	241.95
21.12	20.04	40.14	42.43	31.70	39.18	10.02	3.84	38.76	247.23
16.74	16.50	34.50	36.28	28.40	33.78	8.24	3.21	32.64	210.29
20.52	19.44	42.36	42.78	30.70	39.84	9.02	3.40	37.44	245.50
19.14	19.98	36.54	40.40	26.50	35.04	9.21	3.34	39.60	229.75
20.22	18.66	39.30	40.49	34.60	38.28	9.37	3.21	40.80	244.93
19.44	16.80	38.58	36.93	30.00	39.06	8.68	3.61	39.12	232.22
17.28	17.04	33.96	37.19	25.80	33.72	8.79	3.30	39.72	216.80
20.16	18.84	35.40	36.96	27.00	34.98	8.97	3.37	40.32	226.00
20.82	20.46	39.00	41.48	31.10	41.04	8.69	3.68	39.84	246.11
17.82	17.52	35.76	36.51	26.10	33.30	9.14	3.41	35.16	214.72
19.50	19.14	39.90	41.68	32.60	41.70	9.41	3.38	38.52	246.13
20.88	19.98	41.40	42.05	32.40	39.24	10.19	3.63	42.48	252.25
19.20	18.66	36.18	39.03	29.20	38.52	8.50	3.57	40.20	233.06
18.96	18.18	34.44	39.68	26.70	33.54	8.37	3.51	38.40	221.78
20.04	20.10	41.28	41.17	31.20	39.24	9.44	3.11	39.60	245.18
17.94	19.14	34.68	39.00	26.50	35.34	9.07	3.58	36.48	221.73
17.88	19.56	34.38	40.13	26.80	33.78	8.22	3.79	33.84	218.38
17.88	18.54	35.04	40.32	26.70	35.10	9.50	3.66	40.08	226.82
18.72	20.22	36.24	41.10	25.90	35.82	8.89	3.88	36.96	227.73
17.10	16.56	36.48	35.86	25.80	34.56	8.41	2.81	34.44	212.02
17.52	15.36	34.92	35.18	25.70	35.76	8.09	3.56	39.00	215.09
17.64	16.68	33.36	37.25	26.80	34.80	9.17	3.47	37.44	216.61
16.50	17.22	34.32	36.98	27.50	35.40	8.35	3.32	39.60	219.19
21.30	21.42	43.74	47.01	38.60	44.22	10.53	3.57	41.64	272.03
21.60	20.64	40.98	45.05	31.80	40.26	9.13	3.75	39.12	252.33
18.60	16.98	34.56	37.85	26.40	34.26	8.92	3.56	38.40	219.53
21.18	19.32	39.18	41.81	27.50	38.70	9.64	3.65	38.16	239.14

Merit roll of the midshipmen of the present first class (class of 1932),

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
<i>w</i>	Schall, Thomas Douglas, jr.....	Minnesota.....	July 23, 1928	17	11	2	24
380	Scherini, Otto Axel.....	Washington.....	Aug. 13, 1928	19	0	5	15
132	Schmidt, Maximilian Gmelich.....	Missouri.....	June 14, 1928	19	3	5	15
130	Schroeder, William Paul.....	Michigan.....	June 29, 1928	19	6	5	15
*3	Schultz, Floyd Bernard	do.....	June 15, 1928	17	6	5	15
192	Schwartz, Isador Joseph.....	Pennsylvania.....	June 29, 1928	19	6	5	15
<i>rr</i> 60	Schweitzer, Earl Snowden.....	do.....	Aug. 2, 1928	17	4	5	7
*18	Scott, David Darwin	South Dakota.....	June 25, 1928	16	5	5	15
403	Scott, Reader Clarence.....	Illinois.....	July 6, 1928	18	11	5	15
280	Seely, Harry Woodworth.....	New York.....	Sept. 28, 1928	19	1	8	6
47	Shaw, Spencer Loraine.....	South Carolina.....	June 22, 1928	17	4	5	15
404	Shea, John Dwight.....	West Virginia.....	July 9, 1928	17	5	5	15
259½	Shelton, Howard Edward, jr.....	Kentucky.....	June 22, 1928	18	4	3	17
265	Shinn, Allen Mayhew.....	California.....	July 11, 1928	20	1	5	15
172	Short, William Byfield, jr.....	New York.....	June 15, 1928	19	5	5	15
396	Short, Wallace Clark, jr.....	do.....	July 23, 1928	19	4	5	15
374	Shovestul, Paul James.....	Pennsylvania.....	June 28, 1928	19	3	5	15
213	Shumway, DeWitt Wood.....	New York.....	June 21, 1928	18	8	5	15
115	Silverstein, Max.....	Illinois.....	June 18, 1928	17	4	5	15
112	Simmers, Clayton Rogers.....	Pennsylvania.....	June 16, 1927	19	8	8	6
87	Simpson, Robert Tate.....	Texas.....	Sept. 1, 1928	20	0	5	15
92	Slayden, Alvin Weems.....	Tennessee.....	June 22, 1928	19	2	5	15
106	Small, Selden Clobridge.....	New York.....	June 15, 1928	18	5	5	15
263	Smiley, Clare Brown.....	Alabama.....	June 22, 1928	16	5	5	15
410	Smith, Charles Hubert.....	Georgia.....	June 15, 1928	17	8	5	15
332	Smith, Daniel Flecher, jr.....	Texas.....	Sept. 1, 1928	18	5	5	15
290	Smith, John Bernard.....	Massachusetts.....	June 22, 1928	19	3	5	15
390	Smith, James Gene.....	Missouri.....	June 18, 1928	17	11	5	15
348	Smith, Lawrence.....	New York.....	June 25, 1928	19	5	4	22
119	Smith, Levering.....	Illinois.....	June 18, 1928	18	3	5	15
121	Smith, Lewis Oscar, jr.....	West Virginia.....	June 15, 1928	17	7	5	15
205	Smith, Reynold C.....	Michigan.....	do.....	19	3	5	15
172	Smyth, Lawrence William.....	Indiana.....	June 18, 1928	19	2	5	15
162	Snowden, Ernest Maynard.....	North Carolina.....	June 29, 1928	17	1	5	15
401½	Snyder, Philip Leroy.....	Ohio.....	July 9, 1928	18	3	2	24
*14	Sosnoski, Harry	do.....	June 28, 1928	20	1	5	15
56	Soule, Rufus Albertson, 3d.....	Massachusetts.....	June 18, 1928	18	6	5	15
58	Spangler, John Gilmore.....	Nebraska.....	July 9, 1928	19	8	5	15
393	Speer, John Orin.....	Pennsylvania.....	June 28, 1928	20	1	5	15
142	Spiers, John Isidore Randall.....	New Jersey.....	July 31, 1928	16	11	5	15
292	Stannard, Wilford Tennyson.....	Connecticut.....	June 28, 1928	18	8	5	7
182	Starr, Marvin Tipton.....	Washington.....	June 29, 1928	19	10	5	15
269	Stevenson, Gilbert Northrop.....	Nebraska.....	June 21, 1928	17	11	5	15
251	Stieler, Roland Emil.....	Texas.....	June 20, 1927	20	3	5	11
48	Stoner, Howard Fletcher.....	Indiana.....	June 22, 1928	17	8	5	15
357	Strickler, Robert Lawrence.....	Oklahoma.....	Sept. 1, 1928	18	11	5	15
168	Stuart, William Aurand.....	West Virginia.....	July 6, 1928	18	8	5	15
163	Sugarman, Charles Maurice.....	Oregon.....	Aug. 7, 1923	18	9	5	15
61	Sunderland, Morton.....	At large (Pres.).....	June 14, 1928	17	5	5	15
335	Sutton, John Joseph.....	Illinois.....	July 6, 1928	19	3	5	15
149	Tagg, William Leonard.....	Nebraska.....	do.....	17	6	5	15
318	Taylor, Ennis Walter.....	Texas.....	June 28, 1928	19	10	5	15
375	Tennent, John Gardner, 3d.....	At large (Pres.).....	June 14, 1928	18	6	5	15
86	Thomas, Donald Irving.....	Virginia.....	June 22, 1928	18	3	5	15
321	Thomas, James Alfred.....	Ohio.....	June 28, 1928	18	11	5	15

for the third year of their academic course, 440 members, June, 1931—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Navi- gation	Engineer- ing and aeronau- tics	Mathe- matics	Electri- cal engineer- ing and physics	Lan- guages	Hygiene	Aptitude for service	Aggre- gate third year
Maximum									
24	24	48	52	40	48	12	4	48	300
(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	Inc.
16.26	16.80	33.72	35.60	26.00	34.74	10.06	3.13	36.48	212.79
18.84	19.98	38.16	41.06	29.00	36.66	9.03	3.59	42.36	238.68
19.02	17.34	40.92	38.19	29.20	40.50	10.08	3.78	39.72	238.75
22.26	20.94	44.52	46.93	36.60	44.52	10.41	3.59	40.68	270.45
18.42	17.40	44.50	40.15	27.10	33.42	8.39	3.59	39.00	231.97
19.02	17.76	43.98	39.72	38.70	41.10	11.02	3.38	32.52	247.20
21.60	20.94	42.48	44.49	35.30	43.86	9.57	3.47	39.48	261.19
17.40	16.14	31.32	36.42	26.30	32.16	7.61	3.54	38.40	209.29
18.36	18.06	33.36	37.52	26.70	35.04	9.23	3.47	42.36	224.10
21.06	19.80	42.72	43.53	34.90	42.06	8.38	3.37	35.76	251.58
15.36	15.90	32.46	35.18	27.50	33.60	8.08	3.61	36.00	207.69
18.24	17.40	35.46	37.26	27.20	34.62	8.85	3.51	42.96	225.50
19.44	17.94	35.40	37.56	28.20	34.20	10.35	3.83	38.40	225.32
20.88	20.16	35.52	41.43	27.30	35.70	9.43	3.62	39.96	234.00
16.50	17.40	34.38	35.22	26.20	32.88	7.85	3.67	37.08	211.18
17.58	17.58	32.58	37.20	26.40	32.94	8.37	3.04	37.92	213.61
18.54	18.18	36.24	41.36	26.70	34.26	8.90	3.79	41.76	229.73
19.32	17.82	38.40	41.59	31.90	39.36	9.58	3.61	39.00	240.58
21.42	21.06	36.90	42.43	25.10	39.24	8.85	3.78	42.12	240.90
18.60	19.50	37.98	41.77	31.00	38.34	9.68	3.50	43.32	243.63
19.38	18.78	40.32	40.29	33.90	40.56	8.84	3.79	37.32	243.18
20.16	19.74	39.36	40.82	31.20	39.66	9.03	3.52	38.04	241.53
18.60	16.86	36.06	38.70	28.60	36.36	9.31	3.14	38.76	226.39
16.02	15.54	32.88	34.23	26.20	32.88	8.35	3.52	36.72	206.34
16.80	16.74	35.82	36.98	26.70	35.10	8.95	3.04	38.40	218.53
19.68	16.98	36.72	36.24	27.40	34.86	8.84	3.50	38.88	223.10
17.76	16.26	31.86	36.18	26.30	34.32	8.14	3.35	37.56	211.73
17.52	16.74	34.26	38.19	26.10	32.64	8.01	3.79	39.84	217.09
19.44	18.48	40.80	39.35	33.00	37.50	9.49	3.73	38.16	239.95
19.74	20.46	38.10	38.99	27.60	39.90	8.72	3.40	42.36	239.27
17.94	17.88	36.12	42.78	29.40	35.82	8.72	3.24	38.40	230.30
18.42	18.78	36.12	42.08	29.30	36.60	8.53	3.73	40.44	234.00
20.10	19.38	37.32	39.40	30.20	36.96	8.94	3.83	39.00	235.13
16.56	16.38	32.40	34.81	25.70	32.76	9.14	3.62	38.64	210.01
22.20	21.66	41.58	44.80	33.80	41.22	10.94	3.45	42.84	262.49
21.78	19.44	40.50	41.06	30.90	40.44	10.42	3.63	39.36	247.53
19.86	20.10	39.78	43.38	32.70	38.82	9.52	3.45	39.72	247.33
16.44	15.78	35.52	35.23	25.30	32.10	8.78	3.34	39.00	211.49
19.62	18.84	38.46	40.41	30.70	36.18	10.20	3.57	38.88	236.86
17.16	17.34	36.96	39.11	28.00	33.48	9.55	3.63	37.68	222.91
19.44	17.94	36.54	41.03	32.00	36.66	9.14	3.50	37.08	233.33
17.82	17.52	36.42	40.61	29.60	36.24	9.99	3.65	33.12	224.97
17.52	18.66	35.46	38.39	29.60	34.62	8.22	3.30	40.92	226.69
19.20	19.02	40.86	42.33	35.40	40.86	8.76	3.78	40.92	251.13
16.92	17.22	33.54	35.99	26.00	34.38	9.10	3.31	39.12	215.58
19.44	18.60	37.38	38.14	30.90	38.28	8.38	3.58	39.60	234.30
18.06	18.18	37.98	38.18	31.10	38.64	9.20	3.31	40.32	234.97
20.34	20.88	38.82	42.40	31.80	38.76	9.16	3.82	41.04	247.02
16.80	18.00	35.46	37.45	26.60	34.26	8.13	3.55	37.80	218.05
17.34	19.56	38.76	42.81	28.40	34.86	9.51	3.45	41.40	236.09
17.70	18.30	34.62	37.42	27.30	34.02	8.77	3.58	38.52	220.23
18.24	17.46	33.06	36.25	25.80	31.98	8.18	3.38	39.12	213.47
21.30	20.16	39.72	44.08	29.00	37.32	10.08	3.70	38.28	243.64
18.78	16.62	34.98	36.98	26.20	32.94	10.01	3.68	39.72	219.91

Merit roll of the midshipmen of the present first class (class of 1932),

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
317	Thompson, Forest Carson	Indiana	June 18, 1928	19	9	4	22
203	Thompson, Joseph	Maine	June 22, 1928	16	11	5	15
285	Toft, James Cecil, jr.	New Jersey	June 18, 1928	19	6	5	15
368	Townsend, Harry Edson	New York	June 15, 1928	18	10	5	15
*22	Townsend, William Edward	Ohio	July 30, 1928	18	7	5	15
309	Tschirgi, Harvey Curtis	Iowa	June 29, 1928	20	2	4	22
180	Tucker, Augustine John, 2d	Pennsylvania	June 21, 1928	18	10	5	15
117	Turton, Howard Johnson	Connecticut	July 16, 1928	18	1	5	15
411	Tuttle, Magruder Hill	North Carolina	June 28, 1928	19	11	4	22
76	Underwood, Gordon Waite	Oregon	July 9, 1928	18	1	4	22
301	Underwood, Robert DuBois	At large (Pres.)	June 18, 1928	16	9	5	15
174	Utter, Harmon Tischer	Ohio	June 22, 1928	18	10	5	15
137	Vandling, Robert Edward	Pennsylvania	July 17, 1928	18	11	5	15
129	Van Evera, John Rynier	Minnesota	June 29, 1928	16	10	5	15
201	Van Every, Salem Augustus, jr.	North Carolina	July 9, 1928	17	7	5	15
235	Vanous, William Winfield	Maryland	June 28, 1928	19	3	5	15
*8	Van Slyke, Francis Allen	Michigan	June 14, 1928	17	11	5	15
412	Vaughan, Frederick Owen	P. A. 348 (Pres.)	June 15, 1928	19	8	5	15
276	Vaughan, John	Michigan	July 26, 1928	17	11	5	15
227	Vorpahl, Arthur Henry	Wyoming	June 22, 1927	19	6	8	6
386	Vrooman, William Tayler	New York	June 19, 1928	17	7	5	15
211	Wagnon, Lucien Edward	South Carolina	do	19	5	5	15
135	Walker, Robert Power	California	Aug 30, 1927	19	6	5	11
*19	Ward, Alfred Gustave	Alabama	June 28, 1928	19	7	5	7
188	Warder, Thomas Grayston	West Virginia	June 25, 1928	17	9	5	15
143	Warfield, Thomas Glover	Nebraska	July 6, 1928	18	10	5	15
*9	Waters, Odale Dabney, jr.	Virginia	July 9, 1928	18	0	5	15
*31	Weeks, Robert Harper	Massachusetts	June 14, 1928	18	6	5	15
45	Wellings, Albert Aloysius	do	Aug. 10, 1928	19	7	5	15
*4	Weschler, Charles John	Pennsylvania	July 7, 1928	19	0	5	15
334	West, John Taliaferro	Maryland	July 16, 1928	18	11	5	15
148	Weston, Wallace Humphrey	Maine	June 22, 1928	19	11	5	15
118	White, Theodore Harrison	New York	June 19, 1928	19	1	5	7
256½	Widhelm, William John	Nebraska	July 2, 1928	20	0	5	51
399	Wigelius, Frank Edward	Washington	July 17, 1928	19	10	5	15
379	Wilder, Allison Francis Page	North Carolina	June 19, 1928	18	7	5	15
347	Wildner, Adolphe	New York	July 3, 1928	17	10	5	15
*26	Willard, Chauncey Shearer	Florida	June 14, 1928	18	4	5	15
294	Williams, Paul Darwin	South Dakota	June 22, 1928	17	6	5	15
144	Williams, Richard Claggett, jr.	Maryland	Aug. 27, 1928	17	9	5	15
310	Williamson, Lindsey	New York	July 9, 1928	19	4	5	15
182	Williamson, Marcus William	Minnesota	June 22, 1928	17	9	5	15
126	Williamson, Thomas Fort	Alabama	July 9, 1928	16	8	5	15
363	Wilson, George Rees	Illinois	Aug 31, 1928	17	11	5	15
*27	Wilson, Ronald Lee	do	June 18, 1928	18	7	5	15
175	Wilson, Ralph Martin	Pennsylvania	June 15, 1928	20	2	5	15
160	Wilson, William Ritchie	Illinois	July 9, 1928	17	6	5	15
270	Winter, William, jr.	Michigan	June 21, 1928	18	0	5	15
214	Wintle, Jack William	Kansas	June 14, 1928	20	2	5	15
273	Witherow, Joseph Francis, jr.	California	June 15, 1928	17	11	5	7
324½	Wolsieffer, Frederick	New Jersey	June 28, 1928	19	11	5	15
72	Woodward, Edwin Charles	At large (Pres.)	June 14, 1928	17	9	5	15
107	Wylie, Joseph Caldwell, jr.	New Jersey	do	17	3	5	15
275	Young, Melvin Thayer	Wisconsin	June 22, 1928	19	11	4	14
164	Young, Robert Cummings	West Virginia	June 21, 1928	18	8	5	15
177	Zink, William Talbott, jr.	Maryland	June 30, 1928	18	1	5	15

for the third year of their academic course, 440 members, June, 1931—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Navi- gation	Engineer- ing and aeronau- tics	Mathe- matics	Electri- cal engineer- ing and physics	Lan- guages	Hygiene	Aptitude for service	Aggre- gate third year
Maximum									
24	24	48	52	40	48	12	4	48	300
18.00	17.34	36.84	36.65	28.90	34.14	8.12	3.66	36.60	220.25
18.72	17.40	39.18	37.62	29.00	36.18	8.91	3.59	40.08	230.68
17.76	17.22	35.52	38.15	29.00	36.90	8.76	3.45	37.08	223.84
16.20	15.66	35.82	35.51	26.70	33.78	7.79	3.19	39.48	214.13
21.00	21.60	39.30	45.65	34.30	40.02	10.26	3.61	42.12	257.86
18.00	18.36	35.22	37.07	26.40	36.00	8.23	3.64	38.40	221.32
19.50	18.12	39.48	40.61	29.70	35.58	8.83	3.36	38.28	233.46
19.50	19.26	37.74	43.15	29.90	38.22	9.54	3.73	39.24	240.28
16.08	15.60	32.04	35.14	26.00	32.58	8.13	3.50	37.20	206.27
20.40	19.14	40.14	39.87	32.50	40.68	8.82	3.73	39.72	245.00
17.70	17.10	36.78	37.32	27.40	36.36	9.01	3.77	36.60	222.04
19.02	18.72	36.00	40.20	29.10	37.50	8.92	3.20	41.16	233.82
20.64	20.10	37.62	43.55	29.00	37.08	8.87	3.70	37.44	238.00
21.48	20.04	36.24	41.60	29.00	37.14	9.61	3.77	39.96	238.84
19.32	18.30	35.16	40.03	28.00	37.26	10.43	3.77	38.76	231.03
19.02	17.94	35.94	38.57	27.00	38.64	8.43	3.60	38.64	227.78
21.36	21.42	42.60	46.04	38.60	44.40	9.48	3.87	41.28	269.05
15.48	15.72	32.22	34.96	26.30	32.88	8.74	3.64	35.76	205.70
20.70	17.40	35.16	39.40	26.80	34.68	8.81	3.56	37.92	224.43
19.62	19.14	34.80	37.57	27.50	35.04	9.31	3.30	42.24	228.52
15.96	16.38	33.54	36.88	28.80	32.34	8.73	3.28	36.36	212.27
19.14	17.70	34.98	37.93	29.90	38.64	9.44	3.76	38.28	229.77
19.20	18.90	39.12	40.76	29.60	36.96	9.17	3.66	40.92	238.29
20.16	19.74	42.54	42.16	37.80	42.06	9.87	3.66	42.12	260.11
19.74	18.66	39.42	39.42	25.90	37.92	8.99	3.66	38.88	232.59
18.84	19.44	38.22	40.52	30.80	37.98	8.58	3.44	38.88	236.70
21.12	21.36	42.84	47.70	34.80	42.12	10.24	3.79	43.20	267.17
21.42	20.52	40.44	44.34	32.60	39.36	10.25	3.57	42.96	255.46
22.14	20.82	40.26	44.59	31.60	41.46	9.40	3.61	37.80	251.68
21.00	21.60	44.82	45.62	36.50	43.62	10.70	3.47	43.08	270.41
17.46	18.12	33.54	37.19	25.90	33.42	7.87	3.82	40.80	218.12
21.18	20.64	35.94	44.08	25.30	36.72	8.65	3.71	39.96	236.18
19.26	18.30	38.70	39.98	32.00	37.32	8.84	3.49	42.12	240.01
17.64	17.16	38.58	37.39	29.40	36.78	8.62	3.54	36.96	226.07
16.32	16.86	32.46	35.84	25.00	32.64	8.66	3.71	39.12	210.61
16.68	16.08	34.86	35.03	26.60	33.06	8.26	3.49	38.88	212.94
19.20	17.52	31.80	37.25	26.10	34.38	8.55	3.56	39.12	217.48
20.52	20.88	40.14	46.38	35.00	41.10	9.69	3.68	39.24	256.63
18.66	17.10	35.82	37.59	27.50	35.46	9.01	3.37	38.28	222.79
18.54	17.58	35.70	39.09	31.20	38.16	10.37	3.68	39.24	236.56
18.84	16.62	34.86	39.43	27.00	33.78	9.55	3.63	37.56	221.27
19.68	19.02	35.04	42.33	29.50	36.18	9.49	3.57	38.52	233.33
20.52	18.66	36.72	41.20	30.50	39.84	9.09	3.67	38.88	239.08
17.58	16.26	34.92	34.82	25.90	34.56	9.29	3.34	38.16	214.83
19.98	18.24	40.38	41.73	37.10	43.44	10.03	3.62	42.00	256.52
18.60	18.12	37.62	39.30	30.30	36.78	8.89	3.90	40.20	233.71
19.68	19.50	38.94	41.06	28.00	38.34	9.77	3.43	36.48	235.20
19.38	18.42	34.68	39.49	27.50	33.78	8.66	3.66	39.36	224.93
18.12	18.18	37.14	37.03	28.70	37.26	8.42	3.86	40.92	229.63
19.80	18.12	36.36	38.54	25.00	35.40	10.50	3.75	37.08	224.55
19.02	18.24	35.46	37.73	27.80	34.08	10.13	3.47	37.08	223.01
21.30	20.64	40.02	40.17	31.30	37.50	9.65	3.57	41.04	245.19
20.82	19.38	41.40	39.91	30.70	36.66	8.57	3.69	40.20	241.33
18.60	17.58	35.04	39.24	26.30	35.58	8.98	3.80	39.36	224.48
20.04	19.98	37.68	39.86	28.10	37.38	8.69	3.75	39.36	234.84
19.56	17.64	37.62	39.40	32.00	37.26	8.72	3.88	37.56	233.64

MERIT ROLL OF THE PRESENT SECOND CLASS

Merit roll of the midshipmen of the present second class (class of 1933),

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
433	Abbot, Edward William	Texas	July 13, 1929	18	8
4454	Acker, William David, jr.	South Carolina	June 24, 1929	17	9
164	Aiken, William Loughridge	Pennsylvania	July 8, 1929	19	3
55	Albiston, Louis Hathaway	Rhode Island	June 14, 1929	18	4
w	Allen, Russell Bowes	Massachusetts	June 26, 1929	19	5
58	Anderson, Howard Wendell	Minnesota	July 5, 1929	17	11
188	Anderson, Robert Reed	Wisconsin	Sept. 14, 1929	19	2
400	Andrews, Haven Washburn	At large (V. P.)	June 20, 1929	19	4
137	Anthony, Robert Zachary Taylor	Tennessee	June 21, 1929	17	3
184	Aponick, Anthony Aloysius	Pennsylvania	July 15, 1929	18	1
78	Arnold, Frank Robert	California	June 14, 1929	18	8
162	Ashworth, Frederick Lincoln	Massachusetts	July 12, 1929	17	6
345	Atherton, Harry Sheldon	do	July 15, 1929	19	6
127	Authier, Edward Eugene	Connecticut	June 13, 1929	18	7
220	Bailey, Joslyn Rigby	West Virginia	Aug. 2, 1929	17	11
151	Ballard, Nixon Leslie	Illinois	June 14, 1929	18	4
186	Baltherman, George	do	June 24, 1929	17	6
88	Banzhaf, Henry Frederick	Wisconsin	July 5, 1929	17	10
352	Barclay, Kenneth James	Michigan	June 18, 1929	19	6
448	Barker, Christopher Sylvanus, jr.	North Carolina	Aug. 26, 1929	18	0
369	Barnes, Stanley Maitland	New Hampshire	July 29, 1929	16	11
172	Barnum, Robert Hudson	New York	June 17, 1929	18	8
410	Barr, James Barbour	do	July 9, 1929	18	6
252	Beam, James Llewellyn	Illinois	June 14, 1929	17	3
285	Beard, Norman Wycliffe	Tennessee	June 29, 1929	19	7
145	Beard, Thomas Wilson	Kentucky	June 14, 1929	18	6
302	Bedell, Porter Fryman	Texas	June 20, 1929	17	11
438	Bellinger, William Cotesworth Pinckney, jr.	South Carolina	June 15, 1928	18	11
71	Bennett, Carter Lowe	Tennessee	July 5, 1929	19	11
229	Bertolet, Samuel	Pennsylvania	June 19, 1929	18	10
178	Best, Ethridge Charles	Texas	July 16, 1929	19	1
*11	Bethea, James Stephen	Arizona	June 14, 1929	17	10
59	Bewick, James Voigt	Missouri	June 18, 1929	19	0
407	Beyer, Aaron Frederick, jr.	Pennsylvania	June 22, 1929	17	7
244	Bierer, Howard Troutman	Oklahoma	July 1, 1929	17	4
196	Bird, Horace Virgil	do	July 11, 1929	17	1
398	Black, Richard Thomas	California	June 28, 1929	18	6
323	Black, Thompson, jr.	New York	June 17, 1929	19	9
227	Blackburn, John Thomas	At large (Pres.)	do	17	0
343	Blakelock, Francis Luke	New York	June 18, 1929	16	3
163	Blatchford, Walter Larned	At large (V. P.)	June 20, 1929	19	2
311	Blick, Charles Augustus	New Jersey	do	18	1
149	Blouin, Francis Joseph	Massachusetts	June 13, 1929	18	11
100	Bobo, Walter Sidney, jr.	Mississippi	July 1, 1929	18	7
g181	Bollinger, Walter Henry William	Illinois	June 14, 1929	18	5
*4	Bourland, Joseph Hunt	Texas	June 18, 1929	18	5
*17	Bowen, Harold Gardiner, jr.	California	July 15, 1929	16	9
182	Bowen, Robert Oliver	Massachusetts	July 16, 1929	19	2
30	Bowling, Theodore Cheeseborough, jr.	Oklahoma	June 20, 1929	19	10
66	Bowman, Merle Francis	Pennsylvania	June 14, 1929	18	11
293	Brittan, Theodore Harry	Ohio	June 26, 1929	18	10
463	Brown, Edwards	South Dakota	June 18, 1929	19	4
*21	Brown, Francis Elwood	Nevada	June 21, 1929	18	-

for the second year of their academic course, 478 members, June, 1931

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English and history	Languages	Hygiene	Aptitude for service	Aggregate second year
Months	Days	Maximum							
		32	52	28	32	24	4	28	200
2	23	21.36	33.88	18.67	22.20	17.70	3.25	21.84	138.90
2	23	21.80	32.03	16.85	22.16	17.61	3.37	23.17	136.99
2	23	27.60	36.43	22.28	22.68	16.74	3.65	23.38	152.76
2	23	26.16	42.37	21.79	25.68	20.58	3.39	24.08	164.05
5	14	20.40	(a)	16.09	21.92	15.60	3.22	24.50	Inc.
1	20	25.56	43.55	21.47	26.16	20.34	3.36	23.24	163.68
2	23	27.68	37.46	19.82	23.64	16.41	3.45	23.10	151.56
2	23	20.96	33.74	18.05	23.56	17.04	3.38	24.15	140.88
2	23	28.40	38.96	21.26	24.08	17.52	3.47	20.79	154.48
2	23	22.72	36.67	20.30	24.32	20.91	3.47	23.45	151.84
2	23	24.84	42.41	22.78	24.40	18.60	3.56	23.24	159.83
2	25	25.36	36.22	21.15	22.76	19.14	3.36	24.92	152.91
2	23	21.40	32.50	18.14	24.24	19.47	3.22	24.29	143.26
2	23	26.84	37.32	21.06	22.52	20.22	3.18	24.01	155.15
2	23	23.00	35.57	19.11	25.44	19.83	3.47	23.66	150.08
2	23	24.60	40.13	23.36	25.64	16.38	3.54	20.16	153.81
2	23	24.64	39.11	19.36	22.36	19.68	3.31	23.24	151.70
2	23	24.00	42.67	21.98	23.84	20.97	2.96	21.91	158.33
2	23	22.40	35.52	18.91	22.32	17.70	2.91	23.31	143.07
2	23	22.28	33.58	18.94	21.92	15.84	3.38	21.77	137.71
2	23	23.16	34.75	19.04	22.92	16.53	2.83	23.10	142.33
2	23	24.28	36.70	19.03	24.04	20.16	3.17	24.99	152.37
2	23	22.56	33.54	18.58	21.80	18.48	3.00	22.47	140.43
2	23	23.88	37.13	20.05	24.68	16.83	3.48	22.19	148.24
2	23	25.36	37.30	20.07	21.40	15.90	3.43	23.10	146.56
2	23	25.84	39.49	21.21	23.20	18.87	2.95	22.54	154.10
2	23	22.00	35.46	19.78	21.92	19.38	3.04	24.29	145.87
2	23	21.64	34.56	18.43	23.36	15.93	3.20	21.63	138.75
2	23	25.72	42.47	22.86	24.12	18.27	3.09	24.15	160.68
2	23	23.16	34.82	19.72	24.96	19.14	3.57	24.29	149.66
2	23	25.00	38.13	23.13	21.92	17.67	3.38	22.96	152.19
2	23	28.20	47.91	24.32	25.04	21.63	3.43	23.73	174.26
2	23	27.72	41.57	23.58	25.52	19.05	3.31	22.54	163.29
2	23	23.40	35.53	18.53	20.80	16.86	3.22	22.19	140.53
2	23	23.40	37.15	18.53	24.04	18.03	3.42	24.15	148.72
2	23	25.00	36.31	20.64	24.64	17.70	3.38	23.45	151.12
2	23	22.92	34.44	19.10	21.48	15.60	3.20	24.29	141.03
2	23	23.52	34.29	18.26	24.36	15.84	3.34	24.78	144.39
2	23	23.08	36.89	20.60	24.76	19.32	3.32	21.77	149.74
2	23	23.32	36.87	19.35	21.28	17.28	3.03	22.26	143.39
2	23	24.32	36.19	20.34	24.56	20.34	3.26	23.80	152.81
2	23	22.96	36.57	19.90	23.24	17.61	3.14	21.91	145.33
2	23	22.88	38.05	20.88	23.72	22.50	3.33	22.54	153.90
2	23	25.16	37.58	21.33	23.48	21.61	3.24	24.71	157.11
2	23	26.44	38.40	21.44	23.12	16.32	3.41	22.89	152.02
2	23	27.12	47.99	25.03	25.64	21.84	3.48	25.62	176.72
2	23	24.40	44.99	24.07	28.16	22.53	3.33	24.85	172.33
2	23	22.88	40.75	20.44	22.56	18.00	3.21	24.15	151.99
2	23	27.16	42.56	25.43	25.44	21.72	3.68	23.31	169.30
2	23	25.44	39.89	22.23	25.56	20.28	3.47	24.64	161.51
2	23	24.52	35.77	19.78	23.24	17.70	2.93	22.33	146.27
2	23	22.52	33.62	17.58	21.28	14.97	3.01	21.70	134.68
2	23	26.84	46.52	23.23	26.16	21.90	3.31	23.17	171.13

Merit roll of the midshipmen of the present second class (class of 1933), for

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
112	Brown, James Oliver.....	Pennsylvania.....	June 18, 1929	19	6
383	Brown, Maurice Burton.....	North Dakota.....	June 17, 1929	18	7
87	Brownrigg, France Herbert.....	Florida.....	July 23, 1929	19	4
193	Bruning, Frederick William.....	New York.....	July 22, 1929	18	5
431½	Buck, Roy Garvin.....	Iowa.....	June 14, 1929	19	5
290	Buie, Paul Douglas.....	Georgia.....	do.....	20	2
375	Bulkeley, John Duncan.....	Texas.....	June 20, 1929	17	10
35	Bullock, James Earl.....	Ohio.....	July 20, 1929	18	10
439	Burks, Jesse Billy.....	Alabama.....	June 25, 1928	19	11
119	Burrow, James Barrington.....	Florida.....	June 21, 1929	18	5
106	Burton, Paul Willits.....	Pennsylvania.....	June 13, 1929	17	8
147	Caldwell, Clarence Mills.....	Oklahoma.....	July 1, 1929	18	9
364	Camera, Robert Snowden.....	New Jersey.....	July 5, 1929	20	3
305	Cameron, William Graham.....	Wisconsin.....	June 14, 1929	18	6
291	Campbell, Clifford Morgan.....	Washington.....	Aug. 26, 1929	20	4
101	Campbell, Earnest Goodrich.....	Nevada.....	June 29, 1929	18	1
221	Campbell, James Harry.....	Arkansas.....	June 26, 1929	18	1
458	Carter, William Thomas.....	Illinois.....	Sept. 17, 1929	19	0
*12	Chambliss, Allan McLane.....	Maryland.....	July 31, 1929	17	8
g354	Champe, Joseph Elbert.....	West Virginia.....	July 22, 1929	17	6
34	Chase, Jay Valentine.....	At large (Pres.).....	June 13, 1929	18	7
92	Cheatham, Benjamin Ballard.....	Florida.....	June 18, 1929	18	7
424	Chilton, Edwin Harlan.....	Oregon.....	June 28, 1929	18	10
262	Christ, Harold Frank.....	Wisconsin.....	June 20, 1929	19	6
177	Christie, Warren Byron.....	Missouri.....	do.....	17	6
125	Christopher, Thomas Aloysius.....	New Jersey.....	June 17, 1929	18	1
449	Clark, Albert Hobbs.....	Maine.....	do.....	18	6
277	Clark, Walter Lucas, jr.....	Vermont.....	July 1, 1929	17	3
270	Clementson, Merrill Kinsell.....	Pennsylvania.....	Aug. 26, 1929	19	6
76	Climie, James Fraser.....	Alaska.....	July 29, 1929	19	10
183	Cobb, James Outterson.....	California.....	June 28, 1929	19	6
389	Coffey, William Augustus.....	West Virginia.....	July 5, 1929	20	3
465	Cole, Everett Bush.....	California.....	June 28, 1929	19	2
371	Coleman, Garrett Steele.....	do.....	July 17, 1929	18	6
377	Coleman, Robert Benjamin.....	New York.....	July 6, 1929	19	10
*23	Connolly, Thomas Francis.....	California.....	July 1, 1929	19	8
222	Conwell, Lester Cameron.....	Iowa.....	June 14, 1929	18	8
321	Copeland, Richard Goodwin.....	Massachusetts.....	July 1, 1929	20	3
328	Costello, Joseph Patrick.....	New York.....	June 17, 1929	18	1
175	Coye, John Starr, jr.....	Delaware.....	June 14, 1929	18	2
416	Crawford, Max Edward.....	Illinois.....	June 24, 1929	17	1
204	Crenshaw, William Graves, 3d.....	Virginia.....	June 18, 1929	18	8
467	Croghan, John Alvin.....	New York.....	June 22, 1928	19	11
446	Cronin, Paul Christopher.....	New Jersey.....	June 17, 1929	19	8
366	Cumming, David Robert.....	Georgia.....	June 15, 1929	19	11
347	Cundiff, Charles Reed.....	Kentucky.....	Aug. 26, 1929	20	2
*16	Curtis, Robert William.....	Michigan.....	June 13, 1929	18	10
*18	Curtze, Charles August.....	Pennsylvania.....	June 14, 1929	18	2
243	Davenport, Edgar Monroe.....	California.....	July 5, 1929	19	7
201	Davenport, Roy Milton.....	Kansas.....	June 14, 1929	20	0
341	Davis, David William, jr.....	Idaho.....	do.....	19	6
62	Davis, Lewis Milton, jr.....	New York.....	June 20, 1929	19	0
428	Davis, Nathaniel Burt, jr.....	Massachusetts.....	July 1, 1929	17	10
140	Davis, Ray.....	Louisiana.....	do.....	17	2
292	Dawes, Robert Alden, jr.....	At large (Pres.).....	June 13, 1929	17	7

the second year of their academic course, 478 members, June, 1931—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English and history	Languages	Hygiene	Aptitude for service	Aggregate second year
Months	Days	Maximum							
		32	52	28	32	24	4	28	200
2	23	25.84	39.32	22.20	24.32	18.18	3.20	23.45	156.51
2	23	20.80	37.80	17.95	21.24	20.37	2.68	20.93	141.77
2	9	25.88	41.65	21.82	25.24	17.73	3.18	23.10	158.60
2	23	23.00	36.47	22.27	24.56	18.72	3.66	22.61	151.29
2	23	21.84	33.94	17.95	21.52	16.62	3.74	23.31	138.92
2	23	23.28	35.64	19.31	24.20	17.76	3.31	22.82	146.32
2	23	22.48	35.14	18.40	23.00	17.07	3.81	22.26	142.16
2	23	27.84	42.29	23.50	26.04	22.17	3.68	22.40	167.92
2	23	21.32	35.52	18.61	23.08	16.08	3.01	21.07	138.69
2	23	24.60	37.72	21.46	23.60	20.04	3.70	24.57	155.69
2	23	23.84	38.95	22.27	24.60	20.76	3.44	22.89	156.75
2	23	23.36	38.56	21.08	24.08	19.98	3.45	23.45	153.96
2	23	23.04	34.78	18.41	23.20	16.65	3.32	23.10	142.50
2	23	23.20	35.44	19.88	23.08	17.01	3.26	23.80	145.67
2	23	24.08	35.94	20.09	22.44	16.65	3.10	24.01	146.31
2	23	24.56	39.04	20.88	24.96	18.93	3.31	25.27	156.95
2	9	22.88	35.51	20.33	26.44	17.43	3.78	23.66	150.03
2	23	23.28	33.35	17.78	20.84	16.65	3.11	21.28	136.29
2	23	27.32	47.33	24.38	27.44	20.91	3.51	23.24	174.13
2	23	21.76	34.85	17.87	22.52	21.00	3.07	21.98	143.05
2	23	25.88	45.93	24.48	25.36	22.02	3.23	21.56	168.46
2	23	24.72	40.69	22.59	23.88	19.38	3.39	23.10	157.75
2	23	21.36	33.83	17.99	23.76	16.92	3.10	22.47	139.43
2	23	23.12	37.49	20.97	22.60	18.09	2.88	22.33	147.48
2	23	25.20	38.54	20.93	23.28	18.42	3.22	22.61	152.20
2	23	24.52	37.09	21.36	24.84	19.38	3.42	24.57	155.18
2	23	21.36	33.12	17.53	23.72	16.23	3.28	22.33	137.57
2	23	22.24	36.45	19.22	23.80	18.60	3.65	22.89	146.85
2	23	24.24	37.27	19.38	22.00	17.46	3.34	23.45	147.14
2	23	25.24	41.18	21.73	23.56	20.94	3.26	24.15	160.06
2	23	26.00	35.86	18.66	24.84	19.17	3.34	24.08	151.95
2	23	22.60	32.78	18.38	24.76	17.55	3.55	21.98	141.60
2	23	21.16	32.65	17.48	21.28	15.90	2.98	22.05	133.50
2	23	22.32	33.68	18.17	21.88	18.18	3.40	24.64	142.27
2	23	21.12	34.26	18.83	24.16	19.44	3.31	20.93	142.05
2	23	25.04	45.58	23.16	27.28	23.49	3.46	22.89	170.90
2	23	24.24	38.15	18.84	24.04	17.73	3.62	23.38	150.00
2	23	21.32	33.70	17.74	25.64	17.70	3.30	25.13	144.53
2	23	23.36	34.00	18.71	22.40	19.35	3.10	23.31	144.23
2	23	25.60	38.57	20.02	23.76	16.83	3.58	23.94	152.30
2	23	22.24	35.29	18.03	23.24	16.05	3.51	21.70	140.06
2	23	23.64	35.16	19.52	25.64	20.61	3.54	22.54	150.65
2	23	17.68	25.25	12.41	21.72	21.72	3.16	18.13	120.07
2	9	21.88	33.52	18.40	21.24	16.89	3.05	23.03	138.01
2	23	22.56	33.45	18.14	23.00	19.38	2.80	23.10	142.43
2	23	26.96	34.09	18.00	23.36	16.26	3.47	21.07	143.21
2	9	28.68	44.87	24.21	26.52	20.37	3.30	24.50	172.45
2	23	28.64	44.23	23.55	26.00	21.69	3.39	24.50	172.00
2	23	23.04	34.71	19.36	24.24	19.38	2.80	25.20	148.73
2	23	24.52	40.42	19.93	22.24	16.86	3.31	23.59	150.87
2	23	23.84	34.40	18.66	22.80	16.50	2.93	24.43	143.56
2	23	25.68	39.86	21.14	26.20	22.20	3.67	24.01	162.76
2	23	23.20	34.36	18.25	22.16	15.96	3.07	22.12	139.12
2	23	23.84	39.07	22.05	23.64	19.11	3.45	23.10	154.26
2	23	22.36	33.99	19.03	23.44	21.27	2.90	23.31	146.30

MERIT ROLL OF THE PRESENT SECOND CLASS

Merit roll of the midshipmen of the present second class (class of 1933), for

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
77	Dawson, William Lockhart.....	Florida.....	June 13, 1929	19	3
281	DeMaria, Matthew.....	New Jersey.....	June 24, 1929	19	0
378	Denny, James Beattie.....	Kentucky.....	June 14, 1929	19	5
331	Denton, William Thomas.....	Texas.....	June 13, 1929	18	4
249	Derickson, Richard Barnett, jr.....	Washington.....	June 21, 1929	19	9
381	Dew, Irvin Lowell.....	Oregon.....	June 18, 1929	18	10
46	Dietz, James Stratton.....	Ohio.....	July 1, 1929	18	3
171	Dillon, John Richard.....	Maine.....	July 15, 1929	18	4
342	Dillon, Richard Joseph, jr.....	New York.....	June 22, 1929	17	10
288	Dolan, Francis Arliegh.....	Minnesota.....	June 17, 1929	18	5
173	Drake, Francis Rodman.....	Oklahoma.....	June 18, 1929	20	0
436	Drescher, Carl George.....	Illinois.....	July 15, 1929	18	9
w	Driver, Orvil Leonard.....	California.....	June 28, 1929	18	2
51	Drustrup, Norman James.....	At large (Pres.).....	June 13, 1929	17	1
289	Duff, Howard Carlton.....	Texas.....do.....	.....do.....	19	0
461	Duke, Paul Douglas.....	North Carolina.....	July 5, 1929	18	1
382	Dunagan, Glenn Lewis.....	New Mexico.....	June 25, 1929	19	11
110	Duncan, Charles Kenney.....	Kentucky.....	June 14, 1929	17	6
360	Duncan, Turner Alonzo.....	Missouri.....	Aug. 26, 1929	19	8
*25	Edwards, Albert Earl.....	Nevada.....	July 11, 1929	17	9
53	Elder, Adrian Maxwell.....	Iowa.....	June 24, 1929	17	9
216	Elliott, James Meacham.....	Michigan.....	June 13, 1929	20	2
335	Ellis, Paul Darnell, jr.....	Georgia.....	June 20, 1929	17	11
w	Ellison, James McMechan, jr.....	Missouri.....	Aug. 26, 1929	19	5
421	English, Richard Barker.....	Pennsylvania.....	June 18, 1929	18	5
142	Enright, Joseph Francis.....	North Dakota.....	June 17, 1929	18	9
316	Erek, Leo Herman.....	Nebraska.....	June 24, 1929	19	10
233	Erwin, William Edward, jr.....	Colorado.....	June 19, 1929	20	3
327	Espenas, Arthur Krag.....	New York.....	June 13, 1929	19	6
168	Fair, Robert Eli.....	Ohio.....	Aug. 16, 1929	18	3
359	Ferguson, Glover Trenholm.....	Maryland.....	Aug. 27, 1929	17	2
414	Ferguson, James DuGue.....	.....do.....	July 2, 1929	18	10
189	Fernald, Frank Stanford.....	Texas.....	July 16, 1928	19	9
205	Felder, Charles William.....	Kansas.....	June 28, 1929	19	5
334	Fleischli, Clarence Aloysius.....	Illinois.....	June 29, 1929	19	3
319	Foerster, Robert Samuel.....	.....do.....	July 5, 1929	18	4
115	Foote, Hugie Lee, jr.....	Mississippi.....	June 25, 1929	17	9
40	Fortune, James Hunter, jr.....	Ohio.....	June 18, 1929	18	0
157	Fortune, William Charles.....	New York.....	July 15, 1929	18	4
320	Foster, Everett Joseph.....	California.....	June 21, 1929	18	10
409	Fowler, Oliver Noah.....	Texas.....	June 18, 1929	17	10
72	Fox, Henry Hugo, jr.....	Missouri.....	June 17, 1929	16	5
166	Franklin, James Gilbert.....	Pennsylvania.....	June 20, 1929	17	11
388	Fredericks, Edward Herman Charles.....	North Dakota.....do.....	.....do.....	17	4
202	Fritter, Charles Taylor.....	Ohio.....	July 11, 1929	19	11
287	Fuller, Donald Walker.....	Massachusetts.....	June 17, 1929	18	3
311	Fulmer, Herbert Samuel, jr.....	Missouri.....	July 5, 1929	17	1
347	Fulton, Raymond Lester.....	Pennsylvania.....	June 14, 1929	19	1
228	Funk, William Glunt.....	Colorado.....	June 24, 1929	18	6
304	Fusselman, Raymond Dennis.....	Ohio.....	June 18, 1929	18	9
38	Galantin, Ignatius Joseph.....	Illinois.....	June 13, 1929	18	9
*1	Gallagher, Robert Anthony.....	Pennsylvania.....	June 18, 1929	19	4
69	Gallagher, Antone Renkl.....	Georgia.....	July 5, 1929	19	11
g274	Gallery, Joseph Daniel.....	Massachusetts.....	July 9, 1929	17	5
86	Gambling, Norman William.....	New Jersey.....	July 8, 1929	18	6

the second year of their academic course, 478 members, June, 1931—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English and history	Languages	Hygiene	Aptitude for service	Aggregate second year
Months	Days	Maximum							
		32	52	28	32	24	4	28	200
2	9	25.92	41.50	21.36	23.68	20.70	2.86	23.94	159.96
2	23	21.32	34.53	19.43	23.16	21.48	3.39	23.31	146.62
2	9	23.00	34.50	18.68	22.56	16.23	3.05	24.01	142.03
2	23	22.96	36.39	19.33	22.92	17.01	2.91	22.54	144.06
2	23	24.08	33.85	18.97	23.88	20.40	3.33	23.87	148.38
2	23	22.24	33.53	18.56	24.00	18.60	2.59	22.33	141.85
2	23	26.04	41.00	22.19	27.76	19.74	3.59	24.64	164.96
2	23	24.28	36.13	20.98	25.36	18.45	3.15	24.15	152.50
2	23	22.92	35.37	19.22	23.92	17.79	2.60	21.63	143.45
2	23	23.00	36.53	20.08	23.44	17.46	3.63	22.26	146.40
2	23	23.36	39.29	20.55	24.52	18.45	3.27	22.89	152.33
2	23	21.16	34.51	18.87	22.88	15.90	2.95	22.61	138.88
4	17	(a)	(a)	(a)	(a)	(a)	(a)	23.80	Inc.
2	23	24.92	42.17	22.90	27.00	22.17	3.16	22.33	164.65
2	23	21.72	34.74	18.75	26.92	19.11	3.41	21.70	146.35
2	23	21.48	33.59	18.60	21.28	16.29	3.02	21.77	136.03
2	23	22.88	35.51	18.52	22.00	18.42	3.19	21.28	141.80
2	9	24.60	37.27	21.78	26.00	20.10	3.22	23.66	156.63
2	23	22.96	34.81	18.15	22.96	15.90	3.12	24.78	142.68
2	23	27.96	45.59	24.16	25.36	19.80	3.21	24.50	170.58
2	23	25.36	42.31	23.79	25.44	21.87	3.31	23.17	165.25
2	23	24.12	34.48	19.90	26.00	18.57	3.68	23.45	150.20
2	23	22.56	34.55	18.60	23.48	16.71	3.50	24.50	143.90
2	23	(a)	(a)	(a)	(a)	(a)	(a)	22.82	Inc.
2	23	24.24	35.60	18.97	21.16	16.38	3.13	20.23	139.71
2	23	26.16	38.71	22.21	23.56	15.63	3.33	24.57	154.17
2	23	22.32	35.42	18.90	24.24	17.43	2.98	23.66	144.95
2	9	24.96	35.19	19.43	23.68	18.99	3.69	23.24	149.18
2	23	23.92	36.10	18.67	22.68	17.25	3.59	22.05	144.26
1	20	25.12	40.50	20.59	23.12	16.83	3.72	22.75	152.63
2	23	21.68	35.23	19.04	22.48	17.61	2.94	23.80	142.78
2	23	22.04	33.47	17.84	24.64	17.70	3.21	21.28	140.18
2	23	23.56	39.16	19.94	22.88	18.84	3.33	23.80	151.51
2	23	23.60	35.72	20.12	25.68	19.74	3.21	22.54	150.61
2	23	21.32	34.28	18.57	24.92	19.62	3.72	21.49	143.92
2	23	23.36	35.20	18.66	23.12	17.25	3.54	23.59	144.72
2	23	27.96	41.72	21.55	23.32	15.24	3.79	22.47	156.05
2	23	26.00	47.97	23.61	24.96	18.00	3.41	23.59	167.54
2	23	24.08	38.76	20.47	25.48	18.45	3.43	22.68	153.35
2	23	22.08	35.06	19.20	24.20	18.30	2.76	23.03	144.63
2	23	23.72	35.47	18.52	22.00	15.00	3.28	22.47	140.46
2	23	23.76	42.36	23.13	24.88	17.28	3.44	22.61	160.46
2	23	25.80	40.03	20.65	23.00	16.56	3.29	23.38	152.71
2	23	23.08	36.17	18.49	21.76	16.23	3.00	22.89	141.62
2	23	23.32	36.84	20.53	23.84	18.12	3.48	24.64	150.77
2	23	22.04	38.02	19.65	24.44	16.59	3.15	22.54	146.43
2	23	24.12	37.00	20.00	21.72	16.95	3.56	21.98	145.33
2	23	24.52	35.88	19.43	22.48	15.66	3.19	22.05	143.21
2	23	25.00	37.65	21.47	23.20	16.98	3.07	22.33	149.70
2	23	23.12	35.27	18.24	22.64	19.89	3.14	23.38	145.68
2	23	26.28	41.82	22.50	27.52	22.02	3.62	24.01	167.77
2	23	27.92	48.41	26.33	26.96	23.07	3.14	24.36	180.19
2	23	23.84	45.86	21.79	24.60	17.40	3.57	23.87	160.93
2	23	22.32	36.99	19.67	22.96	18.06	3.36	23.66	147.02
2	23	24.08	39.56	22.02	26.36	20.49	3.63	22.61	158.75

Merit roll of the midshipmen of the present second class (class of 1933), for

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
173	Gamon, John Arthur, jr.....	Illinois.....	June 14, 1929	18	10
85	Garnett, Philip Weaver.....	do.....	June 20, 1929	18	0
*10	Garrels, Robert Ernest.....	California.....	June 13, 1929	19	11
246	Garrison, Charles Ford.....	At large (Pres.).....	July 12, 1929	18	6
152	Garrott, Martin Ruch.....	New York.....	July 1, 1929	18	3
215	Gazlay, Richard Clarke.....	Illinois.....	do.....	19	8
*20	Gibbons, Robert Martin.....	Pennsylvania.....	June 21, 1929	19	4
194	Gill, Frank Benton.....	Nevada.....	June 18, 1929	18	8
203	Glenn, Elmer Ford.....	Oregon.....	June 28, 1929	19	9
263	Gorman, Verne Dwight.....	Nebraska.....	June 18, 1929	18	11
70	Grady, James Bizzell.....	North Carolina.....	July 5, 1929	19	6
383	Grant, Carl Edward.....	Vermont.....	July 8, 1929	18	1
385	Gregor, George Donald.....	Pennsylvania.....	July 16, 1929	19	4
143	Grikscheit, Henry William.....	Michigan.....	July 15, 1929	18	5
425	Grimm, Edward Elias.....	Pennsylvania.....	July 8, 1929	18	7
*8	Grubbs, DeWitt Clinton Tucker, jr.....	Kentucky.....	June 21, 1929	18	9
113	Hahn, Henry Bentley.....	Texas.....	June 28, 1929	19	3
105	Hanson, Murray.....	New Mexico.....	July 11, 1929	18	8
235	Happel, Frank Alexander.....	Maryland.....	July 5, 1929	18	4
389	Harby, Donovan Bowman.....	South Carolina.....	June 21, 1929	17	7
67	Hardman, Ward Forrest.....	Missouri.....	June 20, 1929	17	0
217	Harper, Richard Vaughan.....	do.....	June 13, 1929	18	7
380	Harris, Everett John.....	Indiana.....	June 22, 1929	17	8
160	Hartley, Kenneth James.....	New York.....	June 13, 1929	19	3
209	Hartman, Irvin Swander.....	Indiana.....	July 5, 1929	17	10
60	Haskins, Enrique D'Hamel.....	New York.....	June 13, 1929	17	4
122	Hastings, Burden Robert.....	Indiana.....	June 20, 1929	18	11
49	Hatcher, Julian Sommerville, jr.....	At large (Pres.).....	June 14, 1928	17	1
418	Haworth, Karl Frederick.....	Massachusetts.....	do.....	19	0
397	Hayden, Eugene Benjamin.....	Kentucky.....	July 1, 1929	18	7
459	Hayden, Reynolds Howard.....	Maryland.....	July 5, 1929	18	1
295	Heath, Clinton James.....	North Dakota.....	do.....	18	10
433	Heileman, Lawrence Frederick.....	Iowa.....	June 14, 1929	18	10
*22	Heinz, Luther Carl.....	Pennsylvania.....	July 8, 1929	17	1
130	Hessel, John Walter.....	Ohio.....	July 1, 1929	17	11
wg	Hight, John Milton.....	Arizona.....	do.....	17	10
452	Hills, Blish Charles.....	Kansas.....	June 14, 1929	18	10
298	Hird, Robert Calvin Howe.....	At large (Pres.).....	July 2, 1929	17	11
32	Howard, Ezra Gleeson.....	Alabama.....	June 28, 1929	18	5
451	Howard, John Marshall Bowyer.....	Maryland.....	July 5, 1929	17	5
297	Howell, William Smith.....	Illinois.....	July 1, 1929	18	5
238	Hudson, George Keith.....	Mississippi.....	June 21, 1929	17	9
459	Hunt, William Andrew, jr.....	North Carolina.....	July 1, 1929	19	5
411	Iffrig, Francis Othmar.....	Missouri.....	June 17, 1929	18	5
253	Ingels, Albert Clayton.....	Ohio.....	June 20, 1929	18	9
224	Isely, Robert Henry.....	Kansas.....	June 24, 1929	19	6
197	Jackson, Charles Barzellious, jr.....	Arkansas.....	June 20, 1929	19	1
332	Jackson, Edward Frank.....	Massachusetts.....	June 21, 1929	18	11
106	Jacoby, Raymond Bernard.....	New York.....	July 1, 1929	19	1
120	Jahncke, Ernest Lee, jr.....	Louisiana.....	June 18, 1929	16	10
412	James, Elliott Lindsay, jr.....	Alabama.....	June 20, 1929	18	5
308	Jones, Arthur Collins.....	Kansas.....	July 22, 1929	18	9
300	Jones, Carlton Benton.....	Colorado.....	June 15, 1929	20	1
447	Jones, Floyd Ross.....	Wisconsin.....	June 20, 1929	16	11
401	Jones, James Elmer.....	Missouri.....	July 24, 1929	20	2

the second year of their academic course, 478 members, June, 1931—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English and history	Languages	Hygiene	Aptitude for service	Aggregate second year
Months	Days	Maximum							
		32	52	28	32	24	4	28	200
2	23	24.64	38.85	21.18	23.32	18.45	3.07	22.82	152.33
2	23	26.40	40.64	21.36	23.36	19.92	3.45	23.73	158.86
2	23	28.16	48.09	25.42	25.40	20.67	3.34	23.31	174.39
2	23	23.00	36.07	19.31	24.64	18.66	3.34	23.45	148.47
2	23	23.16	41.49	21.07	24.20	18.03	3.23	22.54	153.72
2	23	26.40	34.73	19.41	24.36	17.40	3.41	24.50	150.21
2	23	28.88	46.03	24.54	23.84	21.78	3.05	23.03	171.15
2	23	25.72	37.24	20.94	24.24	16.05	3.56	23.45	151.20
2	23	24.32	35.86	20.01	24.60	19.14	3.13	23.66	150.72
2	23	23.12	34.13	19.69	23.88	18.93	3.77	23.94	147.46
2	23	25.40	41.18	22.70	25.04	19.08	3.30	24.01	160.71
2	23	22.52	34.83	18.61	23.28	17.34	3.42	21.77	141.77
2	23	21.68	35.46	18.54	22.60	16.95	3.28	23.24	141.75
2	23	27.04	38.27	19.18	22.24	20.25	3.52	23.66	154.16
2	23	21.68	33.59	18.20	22.48	17.19	3.00	23.24	139.38
2	23	27.32	46.72	24.75	25.64	23.40	3.49	23.45	174.77
2	23	24.68	42.56	20.73	24.12	17.58	3.10	23.52	156.29
2	23	24.52	40.61	21.27	23.92	19.74	3.29	23.45	156.80
2	9	25.28	35.40	20.39	23.68	17.07	3.28	24.01	149.11
2	23	23.44	34.91	18.44	23.16	16.41	3.19	22.05	141.60
2	23	25.08	40.61	20.91	26.24	19.86	3.63	25.13	161.46
2	23	25.88	37.60	22.02	22.44	16.32	3.41	22.47	150.14
2	23	24.12	36.57	18.70	21.32	15.12	2.90	23.17	141.90
1	20	25.84	38.48	21.00	24.84	16.62	3.27	22.89	152.94
2	23	26.52	37.05	20.92	22.52	15.72	3.29	24.50	150.52
2	23	25.04	43.16	21.46	26.00	20.55	3.48	23.24	162.93
2	23	24.20	37.24	21.32	25.24	20.43	3.47	23.66	155.56
2	23	26.60	42.56	24.09	24.76	21.21	3.21	22.40	164.83
2	23	24.16	34.02	18.87	21.88	15.42	3.79	21.77	139.91
2	23	23.56	34.75	19.36	22.00	15.63	3.35	22.47	141.12
2	23	21.36	34.76	18.45	22.60	16.20	3.38	19.46	136.21
2	23	23.44	36.00	20.55	23.72	16.32	3.23	22.89	146.15
2	9	22.12	34.33	18.31	22.00	16.26	2.99	22.89	138.90
2	23	25.56	46.48	24.15	27.84	17.94	3.50	22.54	171.01
2	23	24.68	40.09	20.26	23.52	18.78	3.28	24.43	155.04
2	23	(a)	(a)	(a)	(a)	(a)	(a)	23.24	Inc.
2	23	22.24	33.14	17.95	21.68	15.48	3.49	23.17	137.15
2	23	26.36	36.94	18.73	21.16	15.75	2.82	24.22	145.98
2	23	26.16	46.56	23.77	25.24	19.11	3.52	24.36	168.72
2	3	22.72	33.98	17.94	22.16	15.42	3.19	21.98	137.39
2	23	24.76	34.97	19.28	23.92	16.14	3.35	23.59	146.01
2	23	22.96	36.95	20.77	24.32	16.83	3.60	23.52	148.95
2	23	20.96	32.76	18.11	22.92	16.29	3.40	21.77	136.21
2	23	22.36	34.98	19.43	24.52	16.47	3.48	19.18	140.42
2	9	22.32	38.37	20.12	24.12	16.98	3.40	22.68	147.99
2	23	24.84	36.81	21.43	24.04	16.17	3.19	23.45	149.93
2	23	23.16	36.67	20.25	26.56	17.25	3.62	23.59	151.10
2	23	24.44	34.09	19.82	23.88	16.35	3.35	22.05	143.98
2	23	26.44	37.97	21.90	23.88	21.24	3.48	21.84	156.75
2	23	25.04	35.44	20.37	26.96	19.62	3.61	24.64	155.68
2	23	22.48	34.58	18.63	22.88	16.23	2.77	22.82	140.39
2	23	24.88	35.64	18.21	24.08	16.50	3.01	23.24	145.56
2	23	24.52	34.31	19.24	24.96	15.87	3.45	23.59	145.94
2	23	22.72	34.07	18.62	22.28	15.24	3.17	21.84	137.94
2	23	21.96	33.87	17.88	23.04	16.65	3.07	24.36	140.83

Merit roll of the midshipmen of the present second class (class of 1933), for

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
281	Jones, Thomas Arthur	Indiana	July 11, 1929	19	3
325	Jordan, James Langford	California	June 26, 1929	19	11
211	Jurika, Stephen, jr.	do	June 21, 1929	19	0
190	Kane, William Richard	do	June 14, 1929	18	0
170	Kastein, James George	Wisconsin	do	19	0
422	Kauffman, Draper Laurence	Ohio	Aug. 12, 1929	18	0
95	Keating, Robert Allen, jr.	Massachusetts	June 18, 1929	17	5
275	Kefauver, Russell	New York	June 21, 1929	17	10
361	Keller, Clarence Armstrong, jr.	Kansas	June 13, 1929	19	0
283	Kengla, William Archibald	District of Columbia	June 25, 1929	19	0
443	Keyser, Charles Hampson	Virginia	Sept. 1, 1928	19	7
98	Kibbe, Richard Lucius	Florida	June 18, 1929	18	5
*27	Kiergan, Nova Babb, jr.	Missouri	June 13, 1929	18	11
254	Kimball, Leland Porter, jr.	Pennsylvania	June 18, 1929	18	5
379	King, Charles Emmett	Ohio	Aug. 19, 1929	17	2
240	Kirby, Charles Calvert	At large (Pres.)	June 13, 1929	18	2
268	Klinsmann, George Otto	North Dakota	June 20, 1929	18	10
*14	Klopp, John Albert	Illinois	June 14, 1929	17	5
358	Koch, George Price	Pennsylvania	July 1, 1929	19	0
314	Koenig, Joseph William	Louisiana	June 14, 1929	19	6
435	Kuehl, Howard Frank	Wisconsin	June 18, 1929	19	6
185	Kuhn, Lawrence Charles	Pennsylvania	do	18	10
150	Lacey, Donald Orr	South Dakota	do	19	5
466	LaCombe, Joseph Leer	Louisiana	June 15, 1929	20	1
36	Laird, George Hays, jr.	West Virginia	do	18	0
*6	Lambert, David	Massachusetts	June 13, 1929	17	1
80	Lane, Richard	Minnesota	June 20, 1929	17	6
131	Laughon, Willard Ross	West Virginia	July 5, 1929	18	5
118	Leach, Robert William	Massachusetts	July 11, 1929	18	4
*26	Lee, Edward Percy, jr.	Kentucky	June 13, 1929	19	2
214	Lee, Lamar, jr.	Virginia	June 26, 1929	18	2
63	Lehman, John Samuel	Utah	Sept. 5, 1929	16	9
97	Leon, Hayden Louis	North Carolina	June 21, 1929	17	8
294	Leverenz, Roy Fred	Michigan	July 24, 1928	18	10
159	Lindsay, Harry Meakin, jr.	New York	Aug. 19, 1929	19	1
102	Linson, Ross Garner	Nebraska	June 13, 1929	18	4
155	List, Frank Voris	Washington	June 28, 1929	19	3
402	Long, Elmer Cecil	Illinois	July 5, 1929	18	7
394	Long, Thomas Albert	California	July 15, 1929	19	3
372	Longshore, Frederick Kime	Pennsylvania	July 5, 1929	18	1
251	Lord, Edwin Elmer, 3d	do	July 31, 1929	18	6
219	Loughlin, Charles Elliott	P. A. 348 (Pres.)	June 21, 1929	19	4
403	Lovci, John Carter	California	June 28, 1929	18	11
45	Loveland, Kenneth	Utah	June 30, 1928	18	8
53	Luosey, Michael Joseph	Maine	July 23, 1929	17	3
391	Lyon, Thomas Emery	Kentucky	June 13, 1929	17	11
37	MacDonald, Harold Alexander	Pennsylvania	June 13, 1929	19	9
206	Macdonald, William Ruley	New York	June 20, 1929	16	8
338	MacIntosh, Donald Ehle	Massachusetts	June 13, 1929	18	9
144	MacKenzie, Michael Vincent	do	July 15, 1929	17	11
136	Macpherson, Robert Anthony	New Mexico	June 17, 1929	19	1
*3	Madden, Robert Bowman	Pennsylvania	June 24, 1929	16	10
213	Magnell, Alfred Thomas	Connecticut	June 26, 1929	18	1
430	Magoffin, Robert Earl	Missouri	June 17, 1929	19	7
245	Mahoney, Martin Joseph	Oklahoma	June 20, 1929	18	0

the second year of their academic course, 478 members, June, 1931—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English and history	Languages	Hygiene	Aptitude for service	Aggregate second year
Months	Days	Maximum							
		32	52	28	32	24	4	28	200
2	23	24.56	37.02	19.35	22.48	15.93	3.62	23.66	146.62
2	23	22.52	36.06	19.94	24.68	17.37	3.63	20.16	144.36
2	23	22.68	34.55	19.56	27.68	18.09	3.72	24.08	150.36
2	9	22.96	35.16	18.85	25.44	21.51	3.41	24.08	151.41
2	23	24.08	36.88	20.10	24.04	19.68	2.91	24.85	152.54
2	23	22.28	34.98	18.92	22.68	16.77	3.01	21.00	139.64
2	23	26.00	39.17	22.01	23.04	21.27	3.60	22.40	157.49
2	23	22.36	38.04	19.26	22.60	17.73	3.43	23.52	146.94
2	23	23.00	35.29	18.67	22.32	16.32	3.04	24.01	142.65
2	23	22.00	35.09	19.65	24.84	18.48	3.43	23.10	146.59
2	24	21.24	34.44	18.59	20.96	16.89	3.30	22.75	138.17
2	9	27.68	38.30	21.94	24.20	17.52	3.58	24.01	157.23
2	23	28.04	44.71	24.83	25.52	19.65	3.18	24.22	170.15
2	23	23.68	37.08	20.15	23.76	16.98	3.20	23.10	147.95
2	23	22.32	33.65	18.33	23.84	16.26	2.95	24.64	141.99
2	23	22.24	37.23	20.87	23.28	18.78	3.27	23.17	148.84
1	20	23.76	35.02	19.90	24.36	17.25	3.36	23.73	147.38
2	23	29.28	46.78	24.31	26.56	20.07	3.70	22.96	173.66
2	23	25.32	34.43	19.60	21.44	15.87	2.96	23.17	142.79
2	23	24.40	34.53	18.88	23.60	16.68	3.18	23.87	145.14
2	23	21.00	33.06	18.17	23.76	16.08	3.02	23.80	138.89
2	23	24.56	36.43	20.36	24.96	18.81	3.53	23.10	151.75
2	23	24.48	36.21	21.55	27.00	17.37	3.75	23.52	153.88
2	9	21.16	32.75	17.45	22.40	15.33	3.36	20.09	132.54
2	23	28.16	43.73	24.60	24.88	18.51	3.39	24.64	167.91
2	23	26.60	47.52	24.33	25.84	22.98	3.58	24.71	175.56
2	23	24.04	37.88	22.04	27.16	20.76	3.51	24.43	159.82
2	23	24.88	38.05	21.87	24.88	18.63	3.40	23.31	155.02
2	23	24.72	36.35	21.91	25.32	20.19	3.31	23.94	155.74
2	23	27.16	45.76	24.55	24.96	20.43	3.42	23.94	170.22
2	23	22.60	39.47	19.63	23.80	17.88	3.32	23.59	150.29
2	23	27.92	45.78	23.08	22.28	17.34	3.38	22.40	162.18
2	23	27.36	39.82	21.27	24.16	16.71	3.14	24.55	157.31
2	23	24.28	37.42	19.29	21.60	18.36	3.64	21.63	146.22
2	23	24.52	35.99	20.67	23.60	22.47	3.48	22.26	152.99
2	8	26.72	40.80	21.43	23.92	17.25	3.61	23.17	156.90
2	23	27.24	37.37	21.08	23.92	16.92	3.57	23.38	153.48
2	23	21.64	33.48	18.52	21.84	18.21	3.35	23.66	140.70
2	23	24.24	33.25	18.39	23.12	15.81	3.32	23.24	141.37
2	23	22.36	35.32	18.31	22.40	17.16	3.32	23.38	142.25
2	23	22.80	36.43	19.53	24.20	17.43	3.37	24.50	148.26
2	23	22.32	34.90	20.24	27.68	18.57	3.21	23.17	150.09
2	23	23.56	34.86	20.07	21.76	15.48	3.33	21.56	140.62
2	23	26.44	43.90	23.27	24.52	21.33	3.61	23.03	166.10
2	23	26.16	41.46	22.74	26.88	20.70	3.35	22.96	164.25
2	23	23.28	33.37	18.45	25.20	15.75	3.56	21.91	141.52
2	23	27.08	42.67	24.02	26.00	19.80	3.75	24.50	167.82
2	23	22.52	38.55	20.78	24.36	18.84	3.55	21.98	150.58
2	23	22.16	34.89	19.31	22.84	18.36	3.15	22.96	143.67
2	23	23.72	38.54	20.84	25.72	18.96	3.48	22.89	154.15
2	23	25.76	37.66	19.73	24.48	18.93	3.52	24.57	154.65
2	23	28.68	47.14	25.17	26.20	22.11	3.17	24.57	177.04
2	23	20.64	34.89	18.86	25.32	23.31	3.36	23.94	150.32
2	23	21.88	33.62	17.78	22.88	17.25	3.69	21.98	139.08
2	23	21.72	37.10	20.15	23.76	19.83	2.83	23.24	148.63

Merit roll of the midshipmen of the present second class (class of 1933), for

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
33	Majewski, Louis John	Illinois	June 13, 1929	18	6
346	Mandarich, Steve	California	June 14, 1929	18	3
167	Manning, Joseph Ignatius	Massachusetts	June 18, 1929	18	6
247	Marks, Laurence Hall	Alabama	July 1, 1929	18	3
278	Marshall, George Kossuth	Massachusetts	June 17, 1929	16	10
431	Martin, James Leo	do	July 1, 1929	17	10
129	Martineau, David Louis	Illinois	June 14, 1929	18	6
379	Masters, James Marvin, jr.	South Carolina	June 18, 1929	18	0
286	Masterton, Paul	New Jersey	July 8, 1929	17	6
393	Mathes, Samuel Rhea	Alabama	July 5, 1929	18	3
199	Mayberry, Dale	Kansas	June 13, 1929	20	2
83	Maynard, Harry Clark	Massachusetts	July 5, 1929	18	8
168	McAfee, Robert	New York	June 24, 1929	19	4
440	McCampbell, David	Florida	July 31, 1929	19	7
298	McCormack, John Joseph, jr.	New York	June 17, 1929	17	1
269	McCutchan, George Thurston	Indiana	July 5, 1929	18	7
132	McDougal, David Stockton	Minnesota	June 18, 1929	17	10
442	McEachern, Paul Theodore	Massachusetts	June 17, 1929	19	4
236	McGoughran, Joseph Christopher	New York	July 5, 1929	19	1
192	McKibbin, Hugh Robert	Michigan	July 15, 1929	18	3
317	McMaster, Fitzhugh	South Carolina	June 18, 1929	17	7
279	McMillan, Edward Bellamy	Michigan	Aug. 19, 1929	19	3
455	McMullen, Dillon Robert	Pennsylvania	July 5, 1929	19	5
464	McNeill, Chauncey	West Virginia	June 14, 1929	18	2
176	McNenny, Wilbur James	South Dakota	June 17, 1929	17	10
266	McRae, Robert Hamilton	Georgia	June 15, 1929	17	6
365	Meneke, Kenneth Elmer	New York	July 5, 1929	20	1
444	Metze, Albert Francis	Indiana	do	19	0
399	Metzger, Edward Francis	Massachusetts	June 26, 1929	19	0
*13	Meyer, Bernard Henry	Florida	July 5, 1929	19	5
241	Militana, Salvatore Guiseppi	New York	June 17, 1929	20	0
307	Miller, Clayton Louis	Washington	June 14, 1929	18	5
64	Miller, Edwin Swain	Montana	June 21, 1929	18	7
276	Miller, George Harold	Indiana	June 14, 1929	17	11
28	Mohan, Richard Lawrence	Massachusetts	July 15, 1929	18	1
356	Monroe, Henry Stone	do	June 21, 1929	19	5
82	Moore, Charles Leighton, jr.	Georgia	July 5, 1929	19	2
242	Moorer, Thomas Hinman	Alabama	June 13, 1929	17	4
296	Morgan, Charles Cushman	Pennsylvania	July 9, 1929	19	3
280	Morgan, John Chapman	Texas	July 5, 1929	19	1
104	Morrow, Guy Marion	Illinois	July 6, 1929	20	1
*9	Morton, Thomas Howard	Missouri	June 15, 1929	17	3
272	Mott, William Chamberlain	Rhode Island	July 15, 1929	17	10
*19	Murphy, Gordon	North Dakota	June 17, 1929	17	1
370	Nelson, Edward Robert, jr.	Michigan	July 5, 1929	18	11
*2	Neupert, Karl Frederic	Oregon	July 1, 1929	16	8
350	Neville, Lawrence Robert	California	July 15, 1929	18	2
303	Newton, Walter Hughes, jr.	Minnesota	June 21, 1929	17	7
432	Norris, Thomas Edwin	Maryland	July 5, 1929	18	5
423	O'Brien, Gerald Davis	South Dakota	June 24, 1929	19	7
135	O'Connell, Thomas Paul	Massachusetts	July 1, 1929	20	1
61	Ogden, James Robinson	Tennessee	July 5, 1929	18	3
392	Ogle, John Newman	Indiana	do	20	1
265	Olsen, Robert Irving	Illinois	Aug. 26, 1929	19	8
254	Overton, William Arthur	Kansas	June 14, 1929	19	6

the second year of their academic course, 478 members, June, 1931—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English and history	Languages	Hygiene	Aptitude for service	Aggregate second year
Months	Days	Maximum							
		32	52	28	32	24	4	28	200
2	18	24.68	43.98	23.07	27.52	21.42	3.52	24.36	168.55
2	9	22.68	34.19	18.48	22.52	19.11	3.28	22.96	143.22
2	23	21.32	39.64	21.61	23.40	21.42	3.49	21.77	152.65
2	23	23.88	35.20	19.46	24.08	17.97	3.31	24.50	148.40
2	23	23.08	37.90	20.80	22.84	16.53	3.80	21.77	146.72
2	23	21.32	33.39	17.88	22.64	17.10	2.82	23.80	138.95
2	23	22.56	37.91	19.68	25.92	18.15	3.73	24.15	152.10
2	23	22.64	35.26	19.11	23.08	16.38	3.53	24.22	144.22
2	23	22.60	34.95	18.92	24.20	20.34	3.10	22.33	146.44
2	23	23.84	34.40	18.25	22.40	15.63	3.31	23.59	141.42
2	23	23.48	36.39	19.46	25.44	17.16	3.82	25.20	150.95
2	23	25.56	40.70	22.30	24.12	20.49	3.32	23.10	159.59
2	23	25.44	37.61	21.82	22.96	17.58	3.35	23.87	152.63
2	23	23.40	34.63	17.59	20.60	15.33	3.22	23.80	138.57
2	23	23.36	34.43	19.34	24.08	19.74	3.05	21.98	145.98
2	23	23.76	34.85	18.55	25.96	16.53	3.66	23.87	147.13
2	23	24.16	40.31	20.77	26.24	18.87	3.57	21.07	154.99
2	23	21.72	32.74	18.12	21.64	17.58	3.05	23.38	138.23
2	23	23.92	36.33	20.73	22.36	18.30	3.17	24.29	149.10
2	23	24.36	39.60	20.00	23.96	16.20	3.33	23.87	151.32
2	23	23.80	35.17	19.02	23.60	16.14	3.59	23.52	144.84
2	23	23.04	34.98	18.49	23.08	20.40	3.10	23.59	146.68
2	23	21.76	35.25	18.11	23.24	16.17	3.24	18.83	136.60
2	23	22.04	34.82	17.85	20.92	15.33	3.46	20.23	134.65
2	23	26.16	38.30	20.30	22.72	18.30	3.69	22.75	152.22
2	23	22.76	37.45	19.61	23.24	16.50	3.51	24.36	147.43
2	23	24.12	33.88	18.60	23.48	16.86	3.28	22.26	142.48
2	23	20.92	32.83	18.45	23.60	16.86	3.27	22.19	138.12
2	23	23.12	32.60	19.91	21.20	18.63	3.07	22.47	141.00
2	23	28.52	47.82	25.34	26.76	18.03	3.35	23.94	173.76
2	9	22.32	36.77	19.27	22.48	21.72	3.38	22.89	148.83
2	23	22.36	33.79	19.05	25.68	19.38	3.76	21.63	145.65
2	23	28.04	40.51	23.12	24.40	17.85	3.29	24.92	162.13
2	23	24.36	35.05	18.86	25.64	16.89	3.14	22.96	146.90
2	23	25.76	44.28	24.71	28.12	21.09	3.55	22.47	169.98
1	20	21.96	34.44	18.15	22.96	18.36	3.68	23.45	143.00
2	23	24.08	41.99	22.64	25.60	17.64	3.61	24.08	159.64
2	23	25.04	37.33	19.64	23.20	16.86	3.30	23.45	148.82
2	23	23.64	34.88	19.23	25.88	16.95	3.01	22.54	146.13
2	23	24.16	36.63	19.72	22.76	17.40	3.21	22.75	146.63
2	23	25.52	39.87	20.81	25.40	16.74	3.47	25.06	156.87
2	23	26.56	46.26	25.34	26.76	21.27	3.90	24.64	174.73
2	23	21.48	35.04	19.97	25.92	18.42	3.68	22.54	147.05
2	23	27.12	47.56	25.16	24.12	19.56	3.06	24.85	171.43
2	23	23.52	34.90	18.41	23.68	16.23	3.24	22.33	142.31
2	23	27.80	46.52	25.75	28.12	21.36	3.90	23.80	177.25
2	23	21.80	32.22	17.98	25.52	19.05	3.35	23.17	143.09
2	23	22.92	34.52	19.06	23.52	18.57	3.02	24.08	145.69
2	23	21.48	35.18	18.76	21.60	16.26	3.09	22.54	138.91
2	23	22.64	34.60	18.76	21.20	15.87	3.28	23.10	139.45
2	23	22.28	37.96	21.24	26.56	20.25	3.57	22.82	154.68
2	23	27.16	43.30	22.49	24.36	18.51	3.43	23.66	162.91
2	9	22.96	34.14	19.06	22.48	17.49	3.12	22.26	141.51
2	23	27.20	35.90	18.37	22.20	16.11	3.66	24.01	147.45
2	23	23.00	36.38	20.60	25.04	15.99	3.21	23.73	147.95

Merit roll of the midshipmen of the present second class (class of 1933), for

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
210	Palmer, Jay Talisman.....	Texas.....	Sept. 17, 1929	19	8
313	Pasche, William.....	Illinois.....	June 14, 1929	18	0
420	Pattie, Samuel Howard.....	Texas.....	June 18, 1929	19	17
450	Peckson, Alfredo.....	Philippine Islands.....	Aug. 29, 1929	19	3
318	Pelling, Albert George.....	California.....	June 28, 1929	19	2
256	Peters, Thomas Videtto.....	Nebraska.....	June 17, 1929	19	10
212	Phillips, John Lloyd, jr.....	Virginia.....	July 5, 1929	19	3
226	Pickett, Ludwell Rector, jr.....	Arkansas.....	June 14, 1929	17	8
g154	Pihl, Royal Pearson.....	Massachusetts.....	July 5, 1929	18	11
261	Poor, Richard Longstreet.....	Louisiana.....	June 14, 1929	18	6
344	Porter, William Baxter.....	Pennsylvania.....	June 13, 1929	18	0
374	Powell, Isthmian Lovoya.....	Alabama.....	June 26, 1929	19	5
310	Pratt, William Veazie, 2d.....	At large (Pres.).....	June 13, 1929	17	0
124	Pray, Ralph Marble.....	California.....	June 28, 1929	19	2
234	Price, George Marvin.....	Florida.....	June 13, 1929	17	6
207	Prueher, Bertram Joseph.....	Wisconsin.....	July 1, 1929	16	10
111	Purdy, Frederick Warren.....	Florida.....	June 13, 1929	17	6
396	Pyle, Randolph Grant.....	Idaho.....	June 14, 1929	17	8
405	Rakow, William Magnus.....	Iowa.....	June 20, 1929	18	4
93	Ramee, John.....	North Dakota.....	June 28, 1929	17	7
*15	Raymond, Reginald Marbury.....	Louisiana.....	June 15, 1929	17	1
127	Reday, Joseph Zoltan, jr.....	Massachusetts.....	July 15, 1929	17	9
225	Reedy, James Robert.....	Ohio.....	July 11, 1929	19	1
260	Rhea, Edward Sumpter, jr.....	Kentucky.....	June 22, 1929	18	9
116	Richards, Gilbert Haven, jr.....	Illinois.....	July 5, 1929	18	1
115½	Riddell, Robert Southgate.....	New York.....	July 8, 1929	18	3
273	Robbins, Charles Bradford.....	Hawaii.....	July 1, 1929	17	10
65	Roberts, Charles Theodore.....	Washington.....	June 21, 1929	19	5
134	Robertson, Charles Edward.....	New York.....	June 17, 1929	19	4
415	Robison, Clifford Ellsworth.....	New Mexico.....	July 2, 1929	19	8
120½	Rockwell, James.....	Porto Rico.....	June 20, 1929	18	3
31	Roe, Jack Willhoit.....	Iowa.....	do.....	18	0
349	Roullard, George Dee.....	Idaho.....	June 14, 1929	19	0
339	Rowe, Hilary Cecil.....	Maryland.....	July 5, 1929	19	11
117	Rozea, Russell Edward.....	At large (Pres.).....	June 21, 1929	18	11
z408	Ruble, Harold Eustace.....	Minnesota.....	June 23, 1928	19	9
350	Rucker, Eldred Benson.....	South Dakota.....	June 19, 1929	19	10
42	Rumble, Henry Peterson.....	New Jersey.....	July 15, 1929	17	7
90½	Russell, Baxter Leon.....	Arkansas.....	June 14, 1929	18	9
89	Ryan, Albert Francis, jr.....	New York.....	June 17, 1929	19	0
445	Samuels, Nelson Tindall.....	Maryland.....	June 21, 1929	19	8
200	Santmyers, Selby Krauss.....	Delaware.....	do.....	18	2
41	Sargent, Ralph Nelson, jr.....	New Jersey.....	June 13, 1929	18	9
198	Schade, Arnold Frederic.....	Connecticut.....	July 8, 1929	17	4
114	Schmid, Henry Edward.....	Washington.....	June 28, 1929	19	11
75	Schmid, Wallace Andrew.....	do.....	do.....	19	0
357	Schneider, Earle Caffrey.....	At large (Pres.).....	Aug. 19, 1929	17	7
148	Schwartz, Frank Dewey.....	Kansas.....	June 14, 1929	18	7
191	Seagroves, Everett Edgar.....	Georgia.....	July 5, 1929	19	10
336	Searcy, Seth Shepard, jr.....	Texas.....	June 22, 1929	18	3
429	Seipt, William Edward.....	Maryland.....	June 21, 1929	19	11
457	Selby, Frank Gordon.....	Iowa.....	June 14, 1929	18	10
259	Shafer, William Edward.....	Ohio.....	July 22, 1929	18	0
180	Shannon, John.....	New Jersey.....	do.....	17	7
283	Shaul, Donald Robert.....	California.....	July 16, 1929	20	2

the second year of their academic course, 478 members, June, 1931—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English and history	Languages	Hygiene	Aptitude for service	Aggregate second year
Months	Days	Maximum							
		32	52	28	32	24	4	28	200
2	23	24.24	35.17	21.21	24.84	20.10	3.59	21.28	150.43
2	23	22.64	37.75	19.11	22.92	16.59	3.14	23.10	145.25
0	0	22.12	35.11	18.44	21.84	15.87	3.15	23.24	139.77
2	23	20.38	33.24	17.39	20.48	21.57	3.77	20.30	137.43
2	23	22.24	34.75	20.32	24.20	17.40	3.54	22.33	144.78
2	23	26.00	34.42	19.20	23.00	16.83	3.20	25.27	147.92
1	20	22.96	36.04	19.73	25.08	20.64	3.42	22.47	150.34
2	9	24.52	37.31	21.26	23.04	17.61	3.60	22.47	149.81
2	23	26.04	38.36	20.85	26.20	16.74	3.00	22.40	153.59
2	23	22.92	34.70	19.74	24.00	19.83	3.85	22.47	147.51
2	23	22.76	33.69	18.33	24.40	17.04	3.29	23.87	143.38
2	9	22.56	35.64	18.96	22.56	16.23	3.20	23.03	142.18
2	9	22.40	35.24	19.56	24.00	18.03	3.50	22.75	145.48
2	9	23.28	38.75	20.41	24.96	20.40	3.27	24.15	155.22
2	23	23.84	37.31	20.42	23.84	17.67	3.48	22.61	149.17
2	23	25.96	37.99	20.71	22.88	16.68	3.32	23.03	150.57
2	23	24.60	38.78	22.12	25.20	17.55	3.58	24.78	156.61
2	23	23.52	34.19	18.10	22.12	16.83	3.32	23.10	141.18
2	23	21.36	34.10	18.04	22.44	19.05	3.63	21.98	140.60
2	23	26.36	42.03	21.38	22.44	19.68	3.61	22.12	157.62
2	23	27.72	46.85	24.84	25.84	21.30	3.77	22.54	172.86
2	23	24.08	38.82	20.88	26.08	19.32	3.57	22.40	155.15
2	9	23.08	34.38	20.18	23.80	20.34	3.76	24.29	149.83
2	23	26.08	35.47	20.48	22.56	16.65	3.62	22.75	147.61
2	23	26.36	40.11	20.64	24.56	16.77	3.25	24.29	155.98
2	23	25.68	40.23	20.87	23.32	20.16	2.74	23.03	156.03
2	23	24.52	34.90	19.67	24.28	16.98	3.17	23.52	147.04
2	23	25.72	42.23	23.64	24.56	18.81	3.57	23.31	161.84
2	23	23.48	36.18	20.27	27.00	20.04	3.57	24.29	154.83
2	23	21.12	33.64	17.91	23.00	17.52	3.43	23.52	140.14
2	19	25.00	38.12	21.13	23.48	22.11	3.34	22.47	155.65
2	23	26.60	42.88	24.35	26.60	20.52	3.62	24.50	169.07
2	23	23.44	34.39	18.87	23.92	16.23	3.38	22.96	143.19
2	23	22.00	35.96	18.76	23.40	16.44	3.67	23.38	143.61
2	23	21.60	34.85	20.52	30.48	20.16	3.86	24.36	155.83
2	24	22.80	35.31	19.21	21.96	15.87	3.15	22.19	140.49
2	23	23.96	34.75	18.37	22.24	16.50	3.26	24.01	143.09
2	23	25.56	45.11	23.59	24.68	19.14	3.38	25.20	166.66
2	23	26.16	42.54	22.75	24.20	16.50	3.59	22.26	158.00
2	23	24.80	41.30	21.00	23.96	19.53	3.61	24.08	158.28
2	9	22.32	34.10	20.30	21.84	15.81	3.22	20.51	138.10
2	23	23.20	35.14	21.11	23.88	19.14	3.62	24.85	150.94
2	23	27.92	41.85	23.99	26.88	18.39	3.73	24.08	166.84
2	23	24.56	37.20	18.96	24.68	19.32	3.50	22.75	150.97
2	23	24.64	38.55	19.88	25.00	21.09	3.45	23.66	156.27
2	23	25.60	40.34	20.80	25.16	19.92	3.71	24.64	160.17
2	23	21.92	35.03	19.08	24.44	16.14	3.41	22.82	142.84
2	23	24.52	39.54	20.42	24.16	18.12	3.43	23.73	153.92
2	23	23.04	36.57	19.69	25.24	21.03	3.70	22.12	151.39
2	23	23.16	34.10	18.86	23.16	16.53	3.44	24.57	143.82
2	23	22.20	33.68	18.70	22.84	15.78	3.22	22.68	139.10
2	23	21.36	34.47	18.10	21.92	16.02	3.01	21.42	136.30
2	23	22.72	35.66	18.52	23.76	21.03	3.57	22.40	147.66
2	23	23.32	36.56	19.79	23.88	21.06	3.47	24.01	152.09
2	23	23.56	35.27	19.04	24.48	17.88	3.26	23.10	146.59

Merit roll of the midshipmen of the present second class (class of 1933), for

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
*24	Shea, Thomas Vandermeer.....	Wisconsin.....	June 18, 1929	16	11
354	Shelby, Edward Ellis.....	Texas.....	do.....	18	10
94	Shellabarger, Martin Adam.....	Colorado.....	June 14, 1929	19	0
208	Shepherd, Albert Lee.....	Maine.....	June 20, 1929	19	1
250	Sheppard, Frederick William.....	Oregon.....	June 25, 1929	19	2
340	Sherman, Philip Kingsland, jr.....	Vermont.....	June 18, 1929	19	8
146	Shifley, Ralph Louis.....	Illinois.....	June 13, 1929	18	8
239	Shook, Kenneth Sydney.....	Pennsylvania.....	June 19, 1929	18	11
437	Shuffle, Edwin, jr.....	West Virginia.....	July 1, 1929	19	3
231	Slater, Frank Marcel.....	Massachusetts.....	June 13, 1929	18	0
367	Slayton, Morgan.....	New York.....	July 1, 1929	18	0
237	Smedley, Francis Joseph.....	Pennsylvania.....	June 19, 1929	19	3
441	Smith, James Arthur.....	Missouri.....	Aug. 26, 1929	18	6
158	Smith, Kerfoot Bainbridge.....	Ohio.....	July 5, 1929	18	9
306	Snider, Lewis Levi.....	South Dakota.....	July 22, 1929	19	1
57	Solier, Robert Harris.....	Ohio.....	June 18, 1929	19	6
39	Sowerwine, Owen Evans.....	New Jersey.....	June 17, 1929	16	11
165	Spahr, Otto William, jr.....	South Carolina.....	June 18, 1929	18	8
386	Springer, Clarence Norris.....	Michigan.....	July 25, 1929	20	4
74	Stahl, Paul Ludwig.....	Connecticut.....	June 14, 1929	17	7
406	Staley, Poyntell Caldeleugh, jr.....	Rhode Island.....	July 1, 1929	19	4
395	Stanley, Reuben Elliott.....	Wisconsin.....	June 21, 1929	20	1
271	Steel, Charles Louis.....	Oklahoma.....	June 18, 1929	18	11
230	Steinbeck, John Macaulay.....	Massachusetts.....	July 5, 1929	18	10
462	Stephan, David Richard.....	Minnesota.....	July 1, 1929	18	7
218	Stephens, Milton George.....	California.....	June 28, 1929	18	4
456	Stephenson, George Mills.....	Ohio.....	June 19, 1929	18	4
*7	Stevens, John Paul.....	Texas.....	June 20, 1929	17	3
257	Stevens, Lemuel Mussetter, jr.....	At large (Pres.).....	June 13, 1929	17	1
978	Stevenson, Lewis Marion.....	New Mexico.....	do.....	20	0
267	Stewart, John Wesley.....	Pennsylvania.....	June 24, 1929	18	4
323	St. Germain, Raymond John.....	Louisiana.....	June 14, 1929	18	7
52	Stocker, Louis John.....	Missouri.....	June 17, 1929	17	0
123	Strean, Bernard Max.....	Indiana.....	June 22, 1929	18	6
48	Strozier, Henry Harvey.....	Georgia.....	June 24, 1929	17	7
195	Stuart, John McCreery.....	Kentucky.....	Aug. 26, 1929	19	10
73	Sturr, Henry Dixon.....	Michigan.....	July 9, 1928	18	5
333	Styles, Ralph Emerson.....	North Carolina.....	June 17, 1929	19	4
315	Sublette, William Harold.....	Colorado.....	June 26, 1929	19	9
322	Taylor, Rufus Lackland.....	Missouri.....	Aug. 26, 1929	19	8
326	Tellefsen, Carl Robert.....	Minnesota.....	Sept. 5, 1929	20	0
95	Temple, Edward Arthur.....	Texas.....	June 13, 1929	17	9
133	Thomas, Millener Weaver.....	Pennsylvania.....	June 24, 1929	18	1
*5	Thompson, Raymond Webb, jr.....	Maryland.....	July 1, 1929	18	4
223	Thorn, Benjamin Franklin.....	West Virginia.....	June 21, 1929	17	5
258	Tiedeman, Carl.....	Iowa.....	June 14, 1929	18	1
376	Tinker, Frank Glasgow.....	Arkansas.....	June 28, 1929	19	11
138	Tinker, Malcolm Hoagland.....	Pennsylvania.....	June 20, 1929	19	11
99	Titus, Jack Clarence.....	California.....	do.....	19	9
232	Todd, Ashford, jr.....	Alabama.....	June 14, 1928	17	5
56	Tomamichel, Jack Jones.....	Nevada.....	June 28, 1929	18	7
336	Travis, Charles William.....	Tennessee.....	July 23, 1929	17	4
w	Travis, Franklin Karl.....	Nebraska.....	June 28, 1929	19	2
44	Tucker, James Francis.....	Connecticut.....	July 5, 1929	19	0
121	Turnage, Theodore Carlyle, jr.....	North Carolina.....	June 13, 1929	17	9

the second year of their academic course, 478 members, June, 1931—Continued

Sea service in practice ships		Engineering and aeronau- tics	Mathe- matics	Electrical engineer- ing and physics	English and history	Lan- guages	Hygiene	Aptitude for serv- ice	Aggre- gate second year
Months	Days	Maximum							
		32	52	28	32	24	4	28	200
2	23	28.00	46.68	24.40	26.00	20.28	3.71	21.70	170.77
2	23	24.80	34.06	19.93	23.72	15.42	3.21	21.91	143.05
2	9	25.08	38.53	20.96	24.40	21.30	3.65	23.66	157.58
2	23	23.44	37.27	20.34	24.84	18.87	3.73	22.05	150.54
2	23	24.20	34.51	19.86	24.68	18.30	3.76	23.03	148.34
2	23	24.40	34.57	18.93	24.48	16.20	3.31	21.70	143.59
2	23	26.88	39.87	21.09	23.12	16.56	3.49	23.03	154.04
2	23	23.16	38.20	20.06	23.40	15.99	3.75	24.29	148.85
2	23	21.72	32.86	18.05	21.76	17.55	3.62	23.24	138.80
2	23	24.52	36.08	20.13	22.56	19.26	3.38	23.52	149.45
2	23	21.48	32.63	17.78	24.40	18.48	3.43	24.22	142.42
2	9	22.32	35.53	19.34	24.96	20.37	3.39	23.10	149.01
2	23	21.28	34.41	17.86	20.68	17.52	2.80	23.80	138.35
2	23	23.40	38.25	20.71	24.64	18.27	3.13	24.92	153.32
2	23	24.12	37.64	19.30	22.12	15.72	3.24	23.52	145.66
2	23	26.60	42.29	23.79	24.44	18.93	3.78	23.87	163.70
2	23	25.28	42.18	22.84	27.80	21.57	3.77	24.15	167.59
2	23	24.00	37.42	21.70	24.28	17.76	3.64	23.94	152.74
2	23	23.88	33.29	18.49	21.92	16.95	3.13	24.01	141.67
2	23	24.28	40.07	23.28	26.48	19.53	3.42	23.31	160.87
2	23	23.44	33.84	18.16	21.72	17.28	3.53	22.61	140.88
2	23	21.72	34.36	18.44	23.72	16.44	3.22	23.31	141.21
2	23	23.96	37.54	19.48	23.00	16.80	3.59	22.75	147.12
2	23	25.96	38.21	19.61	22.28	18.72	3.65	21.21	149.64
2	23	22.24	33.30	18.32	21.16	16.11	3.13	21.07	135.33
2	23	23.88	36.39	20.24	24.36	18.18	3.74	23.31	150.10
2	23	21.96	32.47	18.18	21.84	16.05	3.14	22.75	136.39
2	23	29.84	46.07	24.71	26.40	20.85	3.85	23.80	175.52
2	23	22.56	33.78	19.31	24.24	20.01	3.71	24.29	147.90
2	23	23.08	40.16	21.45	25.84	21.09	3.64	24.57	159.83
2	23	21.68	35.20	19.55	24.04	19.26	3.67	24.01	147.41
2	23	23.48	33.89	18.73	22.64	18.45	3.40	23.80	144.39
2	23	25.76	42.33	22.88	25.44	21.93	3.23	24.01	165.58
2	23	25.72	41.55	21.64	22.28	17.79	2.82	23.59	155.39
2	23	28.72	47.38	23.42	23.00	16.08	3.43	22.82	164.85
2	23	23.00	37.40	19.81	24.56	19.41	3.34	23.66	151.18
5	17	25.00	42.22	22.24	26.08	18.93	3.44	22.54	160.45
2	23	23.08	36.12	19.09	22.24	15.63	3.57	24.22	143.95
2	23	22.60	37.14	19.48	23.40	16.77	3.38	22.26	145.03
2	23	22.56	35.35	18.67	22.72	18.69	3.05	23.45	144.49
2	23	21.40	35.19	18.33	22.68	20.46	3.11	23.17	144.34
2	9	26.76	39.51	21.84	22.40	19.71	3.47	23.80	157.49
2	23	26.56	37.30	20.36	23.04	21.66	3.52	22.40	154.84
2	23	28.80	48.82	24.30	24.88	20.43	3.75	25.55	176.53
2	23	23.24	36.07	19.34	25.16	19.59	3.28	23.31	149.99
2	23	26.04	36.95	20.07	22.36	15.78	3.42	23.10	147.72
2	23	24.44	34.97	18.01	22.16	16.35	3.01	23.17	142.11
2	23	25.40	38.29	19.15	23.20	19.65	3.27	25.34	154.30
2	23	24.92	39.85	22.13	25.00	17.82	3.81	23.66	157.19
2	23	22.52	34.66	18.60	25.40	19.41	3.66	25.13	149.38
2	23	26.88	42.42	23.34	26.04	20.10	3.47	21.49	163.74
2	23	22.24	33.83	19.40	26.00	16.29	3.80	22.26	143.82
2	23	(a)	(a)	(a)	(a)	(a)	(a)	21.63	Inc.
2	23	27.60	43.44	22.96	25.64	20.58	3.67	22.26	166.15
2	23	24.40	40.42	20.67	24.68	18.27	3.40	23.73	155.57

Merit roll of the midshipmen of the present second class (class of 1933), for

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
68	Turner, Vernon Clark	Texas	June 18, 1929	17	9
161	Twigg, Donald Whitman	At large (Pres.)	June 24, 1929	18	7
126	Tyler, Marshall Alvin	Rhode Island	July 11, 1929	18	10
87½	Tyree, John Augustine, jr.	Virginia	June 18, 1929	17	9
453	Unmacht, George Paul	Illinois	June 14, 1929	16	9
419	Vaillancourt, Maurice Lesieur	New Hampshire	June 18, 1928	19	0
29	Van Meter, William Joseph, jr.	Kansas	June 14, 1929	19	4
330	Vaughan, James John	Illinois	June 26, 1929	19	0
413	Vogeler, Robert Alexander	New York	June 18, 1929	17	9
129	Vogeley, Theodore Robert	Pennsylvania	June 13, 1929	20	0
417	Von Weller, Harold John	Georgia	Aug. 26, 1929	19	8
103	Von Woglom, Louis Ethan	West Virginia	June 21, 1928	18	9
84	Wade, Sidney Scott	Illinois	July 6, 1929	19	9
139	Wagstaff, Ruben Eli	Utah	June 28, 1929	20	1
81	Wahlig, Frederick Henry	Connecticut	June 13, 1929	18	11
91	Wallace, Paul Eugene	Washington	July 6, 1929	19	11
368	Walsh, Edward Cornelius	North Dakota	June 20, 1929	17	2
301	Walsh, John Edward, jr.	Pennsylvania	Aug. 26, 1929	18	5
427	Walsh, James Warren	Massachusetts	June 17, 1929	18	2
43	Ward, Thomas Harrison	North Carolina	July 1, 1929	18	8
263	Watkins, Robert E	Wyoming	June 20, 1929	20	0
352	Weeks, John Bradford	Pennsylvania	June 21, 1929	16	7
386	Weikel, Karl Frederick	Maryland	June 17, 1929	18	9
156	Weintraub, Paul Lawrence, jr.	Pennsylvania	June 19, 1929	18	7
90	Wendelburg, George	Wisconsin	July 2, 1929	18	1
108	Wendt, Waldemar Frederick August	do	July 5, 1929	17	4
404	Wentz, Ned James	Colorado	June 28, 1929	19	6
373	White, Clarence Marbury, jr.	Maryland	June 28, 1928	18	4
109	White, Donald Elliot	New Jersey	June 17, 1929	17	10
w	White, John Duke	California	June 28, 1929	19	10
187	White, James Wilbur	Alabama	Aug. 26, 1929	19	1
362	White, Laurence Adams	California	June 28, 1929	19	7
50	White, Richard Daniel	Ohio	June 17, 1929	17	3
140	Wiggin, Bruce Eastman	New Hampshire	do	19	8
153	Williams, Joseph Warford, jr.	Indiana	June 21, 1929	18	0
309	Winston, Philip Wallace	West Virginia	June 18, 1929	18	2
247	Wright, Archie Taylor, jr.	Texas	July 9, 1929	17	8
363	Wright, Gerald Roland	Kentucky	June 20, 1929	19	6
47	Yost, Herbert Carl	Kansas	June 28, 1929	19	11
426	Zimmerman, Raymond Paul	do	June 14, 1929	19	6

the second year of their academic course, 478 members, June, 1931—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English and history	Languages	Hygiene	Aptitude for service	Aggregate second year
Months	Days	Maximum							
		32	52	28	32	24	4	28	200
2	23	26.52	41.08	22.62	24.16	20.04	3.59	23.17	161.18
2	23	22.88	38.58	20.61	26.56	19.05	3.19	22.05	152.92
2	9	23.52	38.48	21.76	24.60	19.23	3.22	24.36	155.17
2	9	24.20	41.27	21.08	26.56	17.61	3.83	23.80	158.35
1	20	21.36	32.81	18.02	23.00	16.68	3.22	21.91	137.00
2	23	21.04	34.83	18.78	22.72	17.97	3.09	21.35	139.78
2	23	25.88	44.72	24.51	26.24	20.43	3.66	23.94	169.38
2	23	23.60	35.02	19.59	22.80	16.50	2.92	23.66	144.09
2	23	21.72	33.27	18.23	20.88	21.09	3.09	21.98	140.26
2	23	26.48	36.91	21.78	24.84	17.43	3.82	23.80	155.06
2	23	22.52	34.25	18.73	22.92	15.75	3.00	22.75	139.92
5	17	25.68	40.95	19.93	23.36	19.71	3.46	23.80	156.89
2	23	24.88	39.70	22.77	24.72	18.87	3.77	24.43	159.14
2	23	26.88	38.02	19.79	24.08	17.16	3.77	24.57	154.27
2	23	26.60	38.85	22.46	25.52	19.38	3.49	23.38	159.68
2	23	25.28	41.22	20.60	22.76	20.25	3.71	24.01	157.83
2	23	23.12	35.09	19.28	22.72	17.01	3.28	21.91	142.41
2	23	21.40	35.56	18.92	23.36	20.10	3.18	23.38	145.90
2	23	22.24	33.25	18.19	22.60	17.19	3.16	22.68	139.31
2	23	25.72	44.39	23.84	25.84	18.87	3.30	24.29	166.25
2	23	21.96	36.59	19.23	24.40	18.51	3.18	23.59	147.46
1	20	23.16	34.50	18.99	23.60	17.04	3.17	22.61	143.07
2	23	23.68	35.00	18.55	23.24	16.83	3.44	20.93	141.67
2	23	24.08	37.46	21.16	26.60	17.07	3.52	23.52	153.41
2	23	24.08	37.18	21.74	26.96	21.30	3.48	23.52	158.26
1	20	24.40	37.47	20.27	25.96	21.30	3.58	23.73	156.71
2	23	23.08	33.92	18.66	22.76	16.20	3.17	22.82	140.61
2	23	23.16	34.45	18.66	22.56	17.25	3.03	23.10	142.21
2	23	23.56	39.82	20.56	27.12	20.31	3.61	21.70	156.68
2	23	(a)	(a)	(a)	(a)	(a)	(a)	22.82	Inc.
2	23	24.28	38.95	20.25	24.00	17.97	3.45	22.68	151.58
2	8	24.40	34.03	18.47	22.44	16.23	3.03	24.01	142.61
2	23	26.12	41.02	22.65	25.96	20.91	3.10	25.06	164.82
2	23	22.40	39.75	21.40	24.76	18.15	3.37	24.43	154.26
2	23	25.16	38.88	21.58	23.96	17.34	2.96	23.73	153.61
2	23	21.88	37.35	19.67	23.20	17.34	3.58	22.47	145.49
2	23	24.64	36.85	18.97	22.48	18.36	3.30	23.80	148.40
2	23	22.48	36.33	18.98	22.04	16.35	3.39	23.03	142.60
2	9	26.64	43.02	23.81	24.88	18.57	3.38	24.67	164.87
2	23	23.20	33.42	18.65	22.92	16.83	3.17	21.14	139.33

MERIT ROLL OF THE PRESENT THIRD CLASS

Merit roll of the midshipmen of the present third class (class of 1934),

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
149	Abrahamson, Raymond Leonard.....	Maine.....	June 12, 1930	19	4
#503	Adams, Edward Lawrence.....	Virginia.....	July 7, 1930	18	1
96	Adams, Parks Madden.....	California.....	June 25, 1930	19	10
40	Adams, Spencer Moore.....	Florida.....	June 27, 1930	18	2
304	Adams, William Muirhead.....	Illinois.....	July 8, 1930	19	6
268	Ahlbrandt, Roger Sheridan.....	Ohio.....	July 7, 1930	18	3
*25	Akeroyd, Richard George.....	Texas.....	June 17, 1930	18	5
344	Alexander, Joe McKnitt.....	North Carolina.....	June 19, 1930	18	9
116	Ambrose, Dennison Cooke.....	Idaho.....	June 18, 1930	17	8
245	Anderson, Howard Thomas Ewing.....	Minnesota.....	June 17, 1930	18	0
249	Antoniak, Charles.....	New York.....	June 27, 1930	18	6
389	Arnold, Jackson Dominick.....	South Carolina.....	June 20, 1930	17	8
426	Artz, George Edwin.....	Virginia.....	June 19, 1930	18	7
385	Ashley, James Henry, jr.....	Florida.....	June 27, 1930	19	4
106	Atkinson, Archibald Hunt.....	Oregon.....	June 16, 1930	19	6
w	Atwood, Harry, jr.....	Illinois.....	Aug. 25, 1930	19	3
100	Auld, Frank Willard.....	Maryland.....	July 2, 1930	17	1
362	Avise, John Ellsworth.....	Iowa.....	June 16, 1930	17	8
178	Ayer, Donald Holman.....	Maine.....	July 14, 1930	18	3
371	Babb, James Dunnington.....	West Virginia.....	June 20, 1930	18	11
w	Babb, John Herbert, jr.....	Tennessee.....	June 19, 1930	18	10
499	Bachmann, Carl Henry.....	Missouri.....	June 13, 1930	20	2
182	Bailey, Claude Fenn.....	Mississippi.....	Sept. 23, 1930	19	10
255	Bailey, Wendell Ernest.....	North Dakota.....	Aug. 25, 1930	19	1
94	Bain, Willard Jackson.....	Iowa.....	June 16, 1930	18	3
425½	Baker, Maury Davison, jr.....	At large (Pres.).....	July 1, 1930	17	11
*8	Baranowski, Walter Eugene.....	Wisconsin.....	June 30, 1930	18	11
486¾	Barham, Eugene Alexander.....	Louisiana.....	.....do.....	18	6
175	Barnard, Lewis, jr.....	Michigan.....	Aug. 25, 1930	17	10
477	Barner, Richard Long.....	Iowa.....	June 16, 1930	19	0
161	Barr, Eric Lloyd, jr.....	Connecticut.....	June 19, 1930	18	2
37	Batcheller, Edgar Hadley.....	Oregon.....	.....do.....	20	2
*26	Bathke, Ernest Siewert.....	Wisconsin.....	June 17, 1930	19	5
*10	Bauer, Edward George.....	Minnesota.....	June 19, 1930	19	7
193	Baumberger, Walter Harlen.....	West Virginia.....	June 23, 1930	18	5
379	Beardslee, William Walter.....	Michigan.....	Aug. 25, 1930	20	3
189	Becht, Lawrence Robert.....	.....do.....	July 24, 1930	19	7
143	Becker, Albert Lilly.....	Mississippi.....	June 23, 1930	18	7
356	Becker, Charles Henry.....	Virginia.....	June 18, 1930	18	11
154	Benedict, Arthur Lewis, jr.....	At large (Pres.).....	June 12, 1930	18	1
223	Bengston, Robert Carl.....	Illinois.....	June 27, 1930	19	7
378	Bentley, James Calvin.....	Michigan.....	June 13, 1930	18	7
246	Bertholf, Charles Marriner.....	California.....	June 19, 1930	17	6
60	Biard, Forrest Rosecrans.....	Texas.....	.....do.....	17	6
hr532	Biesecker, Morris Gawin.....	Indiana.....	June 18, 1930	19	2
229	Bingham, James Truman.....	Kentucky.....	June 16, 1930	19	7
358	Birthisel, Lawrence Hale, jr.....	Texas.....	June 18, 1930	17	10
521	Biwerse, Denis Harry.....	Wisconsin.....	June 19, 1930	18	1
401	Blackford, Max.....	West Virginia.....	June 27, 1930	19	9
65	Blakely, Edward Noe.....	Pennsylvania.....	June 30, 1930	18	1
i528	Blakely, John Siler.....	Alabama.....	Sept. 2, 1930	19	8
124	Blanchard, Richard Sawyer.....	New Hampshire.....	July 14, 1930	17	8
119	Blenman, Charles, jr.....	Arizona.....	June 12, 1930	19	0
h482	Blohm, Lyle McKenzie.....	Illinois.....	June 13, 1930	18	10
156	Bly, Richard Eugene.....	Texas.....	June 16, 1930	20	2

for the first year of their academic course, 580 members, June, 1931

Sea service in practice ships		Engineer- ing and aeronautics	Mathe- matics	Electrical engineer- ing and physics	English and his- tory	Lan- guages	Hygiene	Aptitude for serv- ice	Aggregate first year
Months	Days	Maximum							
		12	28	12	16	16	4	12	100
2	21	9.07	19.27	9.05	11.56	13.48	3.17	11.58	79.40
2	21	8.16	17.46	7.94	11.06	11.24	3.43	11.16	70.45
2	21	9.75	20.76	9.44	12.66	13.68	3.59	11.31	81.19
2	21	10.26	22.36	9.54	12.40	14.34	3.43	11.94	84.27
2	21	7.94	18.21	9.20	13.22	12.26	3.54	11.31	75.68
2	21	9.13	19.83	9.05	11.24	11.76	3.75	11.52	76.28
2	21	10.89	23.86	10.10	11.46	13.42	3.55	11.85	85.13
2	21	9.28	19.61	8.91	11.16	10.60	3.70	11.31	74.57
2	21	9.67	21.05	9.55	11.90	13.62	3.59	11.16	80.54
2	21	8.72	20.35	8.51	11.76	11.94	3.82	11.58	76.68
2	21	10.27	19.77	9.18	10.78	11.08	3.58	11.97	76.63
2	21	9.49	18.71	8.24	11.76	10.50	3.90	11.19	73.79
2	21	8.83	18.84	8.48	11.28	11.22	3.11	11.10	72.86
2	21	8.29	19.57	8.66	11.86	11.62	3.21	10.59	73.80
2	21	10.06	22.23	9.93	12.70	11.30	3.28	11.43	80.93
0	0	(a)	(a)	(a)	(a)	(a)	3.53	12.00	Inc.
2	21	9.90	23.17	10.09	11.26	11.94	3.55	11.16	81.07
2	21	9.16	18.87	8.75	11.14	11.02	3.67	11.52	74.13
2	21	9.09	19.48	8.68	11.90	14.18	3.47	11.61	78.41
2	21	9.54	18.09	8.47	12.02	10.54	3.51	11.85	74.02
0	0	(a)	(a)	(a)	(a)	(a)	3.90	11.82	Inc.
2	21	8.17	18.02	8.14	11.86	10.36	3.09	11.04	70.68
2	21	10.14	20.94	9.28	11.62	12.82	3.46	10.05	78.31
2	21	9.08	19.81	9.06	11.20	12.08	3.63	11.64	76.50
2	21	9.69	21.91	10.29	11.94	12.62	3.64	11.19	81.28
2	9	8.60	18.88	8.18	10.98	11.88	3.34	11.01	72.87
2	21	10.59	22.74	10.77	13.72	14.30	3.79	11.70	87.61
2	21	7.83	17.84	8.30	11.90	10.48	3.48	11.28	71.11
2	21	9.57	20.21	9.48	12.62	12.10	3.28	11.22	78.48
2	21	8.15	19.39	8.01	10.62	11.20	3.13	10.95	71.45
2	21	9.17	21.24	9.13	11.74	13.14	3.58	10.95	78.95
2	21	10.05	22.91	10.04	13.42	13.20	3.71	11.01	84.34
2	21	11.07	22.49	9.59	12.48	14.12	3.58	11.67	85.00
2	21	10.68	24.54	10.56	12.74	13.34	3.57	11.91	87.34
2	13	9.67	20.10	9.28	12.14	12.02	3.60	11.22	78.03
2	21	9.31	18.46	8.52	11.04	11.74	3.64	11.16	73.87
2	13	8.65	19.93	8.90	12.08	12.96	3.60	11.97	78.09
2	21	9.72	22.43	10.22	12.58	11.78	3.57	9.36	79.66
2	21	8.53	18.37	8.41	12.18	12.18	3.47	11.19	74.33
2	21	8.85	20.39	9.32	12.84	12.76	3.65	11.46	79.27
2	21	9.36	18.68	8.62	12.16	13.38	3.23	11.64	77.07
2	13	10.04	18.84	8.28	11.80	11.28	3.21	10.44	73.89
2	21	8.83	20.28	8.84	12.06	12.34	3.34	10.98	76.67
2	21	9.50	21.62	10.13	12.68	13.30	3.64	11.91	82.78
0	0	8.39	17.36	8.80	11.52	9.10	3.24	10.38	68.79
2	21	8.64	19.07	9.01	12.36	12.36	3.66	11.82	76.92
2	21	9.00	20.02	8.76	11.30	10.44	3.60	11.13	74.25
2	21	8.20	17.03	7.75	11.30	10.34	3.47	11.55	69.64
2	21	8.69	19.10	8.32	10.86	10.88	3.76	11.94	73.55
2	21	8.42	23.54	9.62	12.64	13.02	3.47	11.85	82.56
0	0	8.27	16.97	7.57	11.10	10.48	3.06	11.64	69.09
2	21	9.83	20.80	9.43	12.88	13.06	3.50	10.80	80.30
2	21	10.07	20.00	9.28	12.30	13.66	3.72	11.37	80.40
2	21	7.96	17.53	8.42	10.78	11.40	3.53	11.67	71.29
2	21	9.14	20.11	9.23	12.12	14.44	3.59	10.59	79.22

MERIT ROLL OF THE PRESENT THIRD CLASS

Merit roll of the midshipmen of the present third class (class of 1934), for

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
464	Bogardus, Burton Willard	California	June 28, 1929	20	1
447½	Bolles, Frank Crandall, jr.	Wyoming	June 20, 1929	19	5
84	Bond, George Hastings, jr.	Pennsylvania	July 17, 1930	17	3
360	Bourke, Robert Emmet	New Jersey	June 30, 1930	18	6
53	Boutelle, Richard Roome	Pennsylvania	June 28, 1930	16	5
209	Boyle, Francis Dennis	Washington	June 30, 1930	19	11
516	Boyle, Peter Frederick	Illinois	June 27, 1930	19	5
393	Bozarth, John William	Nebraska	July 1, 1930	20	3
263	Bradbard, Samuel	New Hampshire	June 27, 1930	19	4
213	Bradley, Francis Dean	Nevada	June 17, 1930	18	10
232	Brewer, Charles Walter	Oklahoma	June 18, 1930	19	2
94	Brinker, Robert Marion	Illinois	Sept. 2, 1930	20	0
318	Brock, James Ward	New Jersey	July 1, 1930	19	2
47	Brockett, William Alden	Connecticut	June 20, 1930	16	4
172	Bromley, John Richard	Rhode Island	June 30, 1930	17	3
43	Brooks, William Born	Texas	June 12, 1930	17	0
498	Brown, Samuel Robbins, jr.	New York	Aug. 15, 1930	17	3
*24	Browne, George Henry	do.	July 1, 1930	18	7
70	Bruchez, Ernest Valentine	Louisiana	June 13, 1930	19	11
493	Buess, William Gerard	Connecticut	June 19, 1930	17	7
160	Bullen, George Scruggs	Louisiana	June 17, 1930	19	0
54	Bullen, Jacob Thompson, jr.	do.	do.	19	0
288	Bunevich, Irving	New Jersey	June 17, 1929	17	11
254	Buse, Henry William, jr.	Pennsylvania	July 7, 1930	18	3
111	Butler, John Augustus	Louisiana	June 19, 1930	19	9
186	Butterworth, Christy Clair	Arkansas	June 16, 1930	17	9
350	Button, Thomas Byron	Connecticut	July 21, 1930	17	11
452	Caldwell, Clyde Graham	Georgia	June 23, 1930	18	5
283	Calhoun, William Lowndes, jr.	Florida	June 19, 1930	18	2
*22	Callister, Thomas Kenneth	Utah	Aug. 7, 1930	18	4
367	Campbell, Harold William, jr.	West Virginia	Aug. 25, 1930	18	2
319	Canon, Robert Henry	Mississippi	June 17, 1930	17	8
wg	Carow, Wilmer Stewart	Wisconsin	June 30, 1930	19	11
368	Carroll, Herbert Fuller, jr.	North Carolina	June 19, 1930	18	9
499½	Carter, Joseph Coleman, jr.	Kentucky	July 14, 1930	19	10
205	Casey, Kendall	Arkansas	June 18, 1930	17	6
29	Cassidy, William Francis	Texas	June 28, 1930	19	1
*17	Chambers, Lester Smith	Alabama	July 8, 1929	17	5
348	Champlin, Malcolm McGregor	California	June 19, 1930	19	0
469	Chandler, Robert Alexander	South Carolina	July 14, 1930	17	7
517	Cheney, Wilbur Haines, jr.	Kansas	June 16, 1930	18	2
239	Christensen, Ernest Edward	At large (Pres.)	June 12, 1930	16	10
518	Chung-Hoon, Gordon Paiea	Hawaii	June 16, 1930	19	11
126	Church, William Campbell Gibson	Idaho	June 19, 1930	16	10
365	Clarey, Bernard Ambrose	Iowa	July 14, 1930	18	2
71	Clark, Charles Hoffman	Maryland	July 7, 1930	19	4
382	Clark, Clayton Smith	Pennsylvania	July 21, 1930	19	7
508	Clark, Lawrence Bonner	North Carolina	June 17, 1930	17	8
316	Clifford, George Moore	Virginia	June 18, 1930	18	3
137	Close, Robert Hamilton	New York	June 25, 1930	17	3
502	Cloud, Alexander Benson	do.	June 19, 1930	18	7
453	Clute, James Maurice	New York	June 18, 1930	19	8
496	Coen, Carlton Benjamin	Pennsylvania	June 23, 1930	19	3
383	Coffin, Albert Peyton	Indiana	June 17, 1930	18	8
346	Cole, Allyn, jr.	Colorado	June 19, 1930	18	1

the first year of their academic course, 580 members, June, 1931—Continued

Sea service in practice ships		Engineering and aeronautics	Mathe- matics	Electrical engineer- ing and physics	English and his- tory	Lan- guages	Hygiene	Aptitude for serv- ice	Aggregate first year
Months	Days	Maximum							
		12	28	12	16	16	4	12	100
0	0	8.73	19.17	7.69	11.32	10.62	2.83	11.52	71.88
5	14	7.71	18.36	7.86	11.14	13.42	3.21	10.53	72.23
2	21	10.31	21.73	9.73	12.24	12.40	3.49	11.73	81.63
2	21	8.06	18.87	9.73	11.98	11.52	3.35	10.71	74.22
2	21	10.32	23.03	9.53	12.34	13.16	3.69	11.04	83.11
2	21	8.50	20.42	8.66	11.48	13.72	3.05	11.61	77.44
0	0	8.23	17.77	7.90	11.60	10.42	2.99	10.92	69.83
2	21	9.80	17.79	8.44	11.40	10.96	3.58	11.76	73.73
2	21	8.51	18.85	8.39	12.26	12.70	3.79	11.85	76.35
2	21	8.92	20.50	8.59	10.82	13.78	3.07	11.58	77.26
2	21	9.49	19.68	8.87	11.88	12.28	2.94	11.73	76.87
2	21	11.13	21.22	9.67	12.14	11.74	3.56	11.82	81.28
2	21	8.61	18.59	8.31	11.70	12.80	3.58	11.67	75.26
2	9	9.12	22.26	10.40	12.78	14.86	3.41	10.86	83.69
2	21	9.17	18.63	8.79	12.02	14.66	3.60	11.67	78.54
2	13	9.48	23.24	10.22	12.52	13.40	3.33	11.82	84.01
2	21	9.33	18.97	8.02	10.42	10.22	3.55	10.20	70.71
2	21	10.19	22.50	9.65	13.72	14.56	3.32	11.34	85.28
2	13	10.51	21.22	10.11	11.64	13.18	3.69	11.94	82.29
2	21	7.81	17.02	8.18	11.16	12.62	3.54	10.59	70.92
2	21	9.20	20.81	8.93	12.14	12.68	3.62	11.58	78.96
2	21	9.27	22.84	9.88	12.22	13.50	3.76	11.61	83.08
5	14	8.08	20.02	8.62	11.50	13.62	3.43	10.65	75.92
2	21	8.28	20.28	8.68	12.06	11.48	3.81	11.94	76.53
2	21	9.23	20.25	9.66	13.32	12.96	3.42	11.85	80.69
2	21	10.89	19.28	9.47	12.40	11.00	3.47	11.70	78.21
0	0	9.53	19.93	9.08	11.02	11.62	2.91	10.38	74.47
2	21	8.53	18.73	7.88	11.20	11.00	3.60	11.22	72.16
2	21	8.78	21.03	9.56	12.64	11.12	3.51	9.39	76.03
2	21	8.69	21.36	10.80	14.36	15.06	3.76	11.34	85.37
2	21	9.66	18.82	8.51	10.56	11.78	3.23	11.52	74.08
2	21	9.16	19.24	9.13	11.52	11.60	3.43	11.13	75.21
0	0	(a)	(a)	(a)	(a)	(a)	3.51	11.64	Inc.
2	21	7.80	18.72	8.36	11.06	13.70	3.32	11.10	74.06
2	21	8.17	18.27	8.40	10.84	11.04	3.63	10.29	70.64
2	21	9.36	20.67	9.09	11.60	11.68	3.47	11.67	77.54
2	21	9.22	23.50	10.71	12.52	13.38	3.59	11.91	84.83
2	21	10.68	23.26	10.51	13.26	12.56	3.66	11.85	85.78
2	21	8.67	19.08	8.60	12.12	11.06	3.30	11.67	74.50
2	21	7.66	18.52	8.34	11.98	10.78	3.05	11.43	71.76
2	21	8.78	17.77	7.93	10.42	10.30	3.34	11.28	69.82
2	21	9.23	20.29	8.57	10.96	12.68	3.20	11.85	76.78
2	13	8.11	18.86	7.70	10.04	10.08	3.05	11.94	69.78
2	21	8.75	21.43	9.07	12.92	13.08	3.32	11.72	80.27
2	21	8.83	17.97	8.23	11.40	12.32	3.64	11.70	74.09
2	13	10.21	22.63	9.27	12.08	11.64	3.61	11.82	82.27
2	21	8.47	19.01	9.17	11.18	10.66	3.74	10.59	73.84
2	21	9.28	17.92	7.70	10.24	9.82	3.57	11.70	70.23
2	21	10.37	19.54	8.46	11.24	11.80	3.14	10.89	75.44
2	21	10.05	22.03	8.98	11.08	12.56	3.81	11.31	79.82
2	21	8.44	18.54	8.36	11.18	10.52	3.26	10.17	70.47
2	21	7.90	18.57	8.43	11.46	13.16	3.50	9.09	72.11
2	21	8.51	18.34	8.27	10.98	10.16	3.20	11.37	70.83
2	9	9.17	19.04	8.26	11.12	11.84	3.19	11.19	73.81
2	21	8.74	19.81	8.57	11.26	11.42	3.11	11.64	74.55

Merit roll of the midshipmen of the present third class (class of 1934), for

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
406½	Cole, Harold Elwood	Pennsylvania	June 18, 1930	19	7
235	Coleman, Wilson McConnell	Alabama	June 16, 1930	18	4
523	Coley, Charles Coston	Oklahoma	June 18, 1930	19	1
335	Collins, William Magill, jr.	Wisconsin	July 10, 1930	18	11
63	Compton, James Richard	Missouri	June 13, 1930	19	6
162	Condon, John Pomeroy	Michigan	July 7, 1930	18	10
537	Cook, Harry Edward, jr.	Arkansas	June 23, 1930	18	11
464	Cook, Paul Chronical	Tennessee	Aug. 7, 1930	18	8
194	Cooper, Ernest Greene, jr.	Maryland	Sept. 22, 1930	19	9
244	Corbin, Henry Clark	Illinois	June 12, 1930	19	3
320	Corbin, William Leslie	At large (Pres.)	July 14, 1930	18	5
290	Cordiner, Douglas Lee Lipscomb	do.	June 17, 1930	18	4
4301	Cotten, John Henderson	North Carolina	June 23, 1930	17	0
4525	Cown, Julian Blanchard	Georgia	June 16, 1930	18	6
220	Coxe, Lewis Crocker	Texas	June 25, 1930	17	10
30	Craft, James Pressley, jr.	Georgia	July 2, 1930	16	8
307	Cress, Herbert Clyde, jr.	Kentucky	July 1, 1930	19	9
190	Criswell, Robert Parker	California	June 14, 1929	19	9
373	Crowell, Robert Burns	New York	June 27, 1930	18	9
486	Crutcher, William Rolston	Alabama	June 23, 1930	17	10
537½	Danenhoefer, John	New York	Aug. 25, 1930	20	3
288	Daunis, Stanley Stephen	Massachusetts	June 19, 1930	19	0
417	Davies, Robert Henry	Ohio	Aug. 18, 1930	18	3
200	Davis, Adelbert John, jr.	Oregon	June 12, 1930	20	0
385	Davis, Eugene Worthington	Washington	June 19, 1930	18	7
308	Davis, George Fleming	Hawaii	July 1, 1930	19	3
79	Davis, John Kenneth	California	June 27, 1930	18	1
75	Davis, James Robert	Rhode Island	June 18, 1930	17	10
414	Davison, George Glass	Pennsylvania	June 25, 1930	18	10
90	Day, Barton Eldred	New Jersey	June 17, 1930	19	2
120	Day, Howard Earl, jr.	Vermont	June 30, 1930	17	10
206	Deakin, Harold Osborne	Utah	June 16, 1930	17	5
385	Dean, William Arthur, jr.	Texas	June 17, 1930	19	5
472½	Denby, Edwin, jr.	Michigan	July 8, 1930	18	1
321	Deragon, William Nolin	New York	June 17, 1930	19	3
42	Dickey, Joseph Lyle	Missouri	June 30, 1930	19	9
266	Dickey, Willie Mills	Texas	June 18, 1930	19	1
166	Dickinson, Clarence Earle, jr.	North Carolina	June 12, 1930	17	6
275	Dissette, Edward Farwell	Michigan	July 1, 1930	19	1
218	Dixon, Duncan Patterson, jr.	Alabama	June 30, 1930	18	11
353	Dodd, Valdo Clare	Michigan	Sept. 8, 1930	19	8
297	Donaldson, Robert	Florida	July 2, 1930	17	11
451	Doss, Clarence Thomas, jr.	Arkansas	July 1, 1930	17	6
261	Drumtra, William James	New York	July 14, 1930	19	5
115	Dry, Melvin Hulquist	Pennsylvania	June 12, 1930	19	4
446	DuBois, Thomas Hodgskin	At large (Pres.)	do.	18	0
420	Dutton, William Tenney	Rhode Island	July 1, 1930	17	5
496	Ede, Alfred Louis	Nevada	July 10, 1930	16	8
222	Edrington, Thomas Craighead, 3d	Arkansas	June 16, 1930	17	8
58	Edwards, David Shelton, jr. ¹	California	June 19, 1930	18	11
233	Ellenberger, Edward George	Maryland	do.	20	2
227	Erwin, Sidney Lyle	Michigan	June 17, 1930	18	5
4543	Eslick, Mark, jr.	Tennessee	June 19, 1930	19	1
355	Ethridge, Walker	Mississippi	June 17, 1930	17	5
543½	Evans, William Thomas	Tennessee	June 23, 1930	19	2

¹ Name changed.

the first year of their academic course, 580 members, June, 1931—Continued

Sea service in practice ships		Engineer- ing and aeronautics	Mathe- matics	Electrical engineer- ing and physics	English and his- tory	Lan- guages	Hygiene	Aptitude for serv- ice	Aggregate first year
Months	Days	Maximum							
		12	28	12	16	16	4	12	100
2	21	8.65	18.17	8.24	11.90	11.30	3.42	11.61	73.29
2	21	9.16	19.81	9.01	12.34	11.40	3.49	11.64	76.85
2	21	8.08	17.94	7.91	10.34	10.46	3.22	11.49	69.44
2	21	9.16	17.77	8.04	11.36	14.06	3.41	10.98	74.78
2	21	10.29	20.05	9.88	13.28	14.34	2.99	11.76	82.59
2	21	9.34	20.98	9.11	12.34	12.32	3.34	11.49	78.92
2	21	7.67	19.21	7.45	10.12	9.88	3.33	10.71	68.38
2	21	8.33	19.28	8.66	11.96	11.16	3.25	9.24	71.88
2	21	10.66	20.79	8.98	10.96	11.68	3.53	11.37	77.97
2	21	8.86	18.95	8.10	12.96	14.18	3.01	10.65	76.71
2	21	9.88	19.13	7.77	11.54	12.48	3.12	11.28	75.20
2	21	8.74	19.61	9.01	12.68	13.14	3.44	9.27	75.89
0	0	7.46	18.07	7.92	13.04	14.46	3.33	11.49	75.77
2	21	8.34	17.60	7.69	10.60	10.86	2.92	11.40	69.39
2	21	8.83	19.61	9.35	11.86	12.72	3.47	11.28	77.12
2	21	9.44	24.04	9.79	12.56	13.36	3.71	11.85	84.75
2	21	9.00	20.27	8.70	11.12	11.44	3.46	11.61	75.60
5	2	9.56	20.26	9.34	11.72	11.72	3.47	12.00	78.08
2	21	9.15	17.96	8.37	11.10	12.16	3.63	11.61	73.98
2	21	8.68	17.87	7.75	11.90	10.88	2.98	11.07	71.13
2	21	8.49	17.62	7.74	10.34	10.70	2.94	10.17	68.00
2	21	8.34	19.19	8.27	11.26	13.84	3.50	11.52	75.92
2	21	9.50	20.42	8.72	11.72	11.12	3.38	8.19	73.05
2	21	9.29	20.99	8.59	11.94	11.58	3.53	11.82	77.74
2	21	8.93	19.15	8.75	11.94	10.76	3.23	11.04	73.80
2	21	9.23	19.29	8.45	11.34	11.28	3.41	11.22	75.58
2	21	9.73	20.79	9.14	12.32	14.80	3.69	11.40	81.87
2	21	9.66	19.75	9.29	13.44	14.36	3.82	11.79	82.11
2	21	8.32	17.74	8.07	11.16	13.18	3.11	11.52	73.10
2	21	10.12	20.89	9.45	12.32	13.24	3.51	11.85	81.38
2	21	9.41	19.41	9.68	12.38	13.96	3.73	11.82	80.39
2	21	8.69	20.00	8.75	11.80	13.24	3.35	11.70	77.53
2	21	8.73	18.14	7.91	11.34	12.16	3.58	11.94	73.80
0	0	8.65	16.90	7.93	12.02	11.28	3.05	11.79	71.62
2	21	8.23	18.46	8.41	10.96	13.96	3.54	11.58	75.14
2	21	10.11	24.52	10.04	11.96	12.26	3.25	11.91	84.05
2	21	8.22	20.22	8.01	11.54	13.44	3.54	11.34	76.31
2	21	9.33	20.16	17.63	12.62	11.54	3.39	11.10	78.77
2	21	9.27	19.72	8.43	12.74	12.12	3.58	11.25	76.11
2	21	9.88	20.60	8.83	10.94	11.32	3.60	11.97	77.14
2	21	9.10	18.82	8.76	11.92	10.84	3.23	11.76	74.43
2	21	8.88	18.89	8.78	13.08	11.54	3.49	11.13	75.79
2	21	8.72	18.39	8.11	11.42	10.32	3.69	11.55	72.20
2	21	8.96	20.89	8.82	11.12	11.88	3.30	11.40	76.37
2	21	9.28	20.68	9.83	12.26	13.22	3.43	11.88	80.58
2	21	8.61	17.95	8.15	10.40	13.14	2.99	11.01	72.25
2	13	8.95	19.90	8.49	10.90	11.32	3.22	10.23	73.01
2	21	8.42	17.27	7.92	11.28	13.60	2.98	9.36	70.83
2	21	9.82	20.55	8.61	11.88	11.68	3.51	11.04	77.09
2	13	10.06	21.00	9.47	13.52	13.84	3.41	11.61	82.91
2	21	10.30	19.96	9.24	11.22	11.22	3.61	11.31	76.86
2	21	8.51	19.39	8.65	12.40	12.98	3.40	11.67	77.00
0	0	7.64	16.26	6.85	10.90	10.42	3.34	10.26	65.67
2	21	8.33	20.11	8.71	11.60	11.36	3.08	11.16	74.35
0	0	7.02	16.71	7.71	10.40	9.90	3.37	11.10	66.21

Merit roll of the midshipmen of the present third class (class of 1934), for

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
181	Pagan, Edward Mallon.....	Ohio.....	July 28, 1930	19	10
*13½	Fahy, Edward Joseph	New York.....	June 19, 1930	20	1
258	Fairweather, Robert Scobie.....	New Jersey.....	June 27, 1930	19	7
470	Farwell, Charles Bradford.....	Minnesota.....	Aug. 25, 1930	18	10
107	Fell, Charles Woodford.....	Indiana.....	June 19, 1930	18	7
482	Ferguson, John Norwood, jr.....	North Carolina.....	June 25, 1930	17	9
169	Fischer, Charles Fink.....	Pennsylvania.....	Aug. 4, 1930	16	10
134	Fisher, Edwin Shelton.....	Tennessee.....	July 15, 1930	19	2
447	Fleck, Francis Edward, jr.....	Illinois.....	July 8, 1930	17	9
221	Fletcher, Francis O'Conner, jr.....	North Carolina.....	June 12, 1930	19	0
381	Florence, John Williams.....	Oklahoma.....	June 19, 1930	18	8
506	Fly, William Lafayette, jr.....	Missouri.....	Aug. 25, 1930	19	8
*16	Flynn, Leonard John	New York.....	July 22, 1930	18	7
444	Foley, James Francis.....	Massachusetts.....	June 27, 1930	19	11
432	Fortune, Robert Meriwether.....	Tennessee.....	June 18, 1930	18	0
450	Foster, John Lee.....	New York.....	June 30, 1930	17	6
545	Fowlkes, Edward Taylor.....	Alabama.....	Aug. 25, 1930	19	4
540	Frack, William Norman.....	Pennsylvania.....	July 28, 1930	19	7
268	Fraser, Donald Woodrow.....	do.....	June 27, 1930	20	1
169	Freedman, Lewis.....	North Dakota.....	July 17, 1930	16	8
77	Frey, Charles Weiser.....	Pennsylvania.....	Aug. 25, 1930	20	5
271	Froling, Wendell Hilding.....	New Jersey.....	June 19, 1930	18	7
151	Fuchs, Joseph Paul.....	New York.....	June 17, 1930	16	5
236	Fulghum, Benjamin Cornelius.....	Georgia.....	June 20, 1930	19	7
122	Fuller, Harold Douglas.....	Wisconsin.....	June 16, 1930	17	9
154	Fulp, James Douglas, jr.....	South Carolina.....	Aug. 25, 1930	20	0
481½	Garth, Craig Ransom.....	Missouri.....	June 18, 1929	19	11
34	Gautzsch, Frederick Ivory.....	Pennsylvania.....	June 30, 1930	17	10
324	Gebelin, Albert Louis.....	New York.....	June 27, 1930	18	3
300	Geist, John Willard.....	Pennsylvania.....	June 26, 1929	20	0
*18	Gerlach, Charles Henry	Ohio.....	June 20, 1930	17	7
535½	Goff, Marvin Edwin.....	West Virginia.....	June 27, 1930	20	2
473	Gorham, Alonzo Dumay.....	North Carolina.....	June 18, 1930	18	1
391	Graham, Robert Wallace.....	New York.....	Aug. 18, 1930	18	11
*11	Gralla, Arthur Robert	do.....	June 17, 1930	17	2
324	Grant, Mark Alfred.....	Mississippi.....	do.....	19	0
201	Green, John Cawley.....	P. A. 348 (Pres.).....	June 24, 1929	19	4
430	Greenman, Franklin Pierce.....	New York.....	July 14, 1930	16	5
411	Greer, Harry Holt, jr.....	Pennsylvania.....	June 24, 1930	19	4
487	Griffin, Gordon Alexander.....	Virginia.....	July 14, 1930	18	7
191	Griffith, Walter Thomas.....	Louisiana.....	June 27, 1930	19	1
w	Gris, Robert Maurice.....	New York.....	June 17, 1930	18	9
263	Grosh, Harold Arthur.....	Delaware.....	June 19, 1930	19	0
350	Grossman, George Sample, jr.....	do.....	Aug. 25, 1930	18	7
448	Gunn, Frederick Arthur.....	Kansas.....	June 16, 1930	18	8
277	Guthrie, Thompson Clyde, jr.....	Kentucky.....	July 7, 1930	18	2
44	Guthrie, William Lowry.....	Pennsylvania.....	June 13, 1930	17	5
464	Hagel, Arthur John Joseph.....	Kentucky.....	June 27, 1930	20	2
363	Hailey, Edgar Josiah.....	Texas.....	July 1, 1930	20	2
*7	Halligan, James Edward, jr	Louisiana.....	do.....	17	2
402	Hallock, Robert Frederick.....	Pennsylvania.....	June 19, 1930	18	8
463	Hampson, John Crawford.....	New York.....	June 30, 1930	19	6
275	Hampton, Isaiah Martin.....	Texas.....	June 18, 1929	18	8
308	Hanlon, Daniel Edward, jr.....	New Jersey.....	Sept. 6, 1930	19	11
472	Harbold, Robert Pattison, jr.....	District of Columbia.....	June 27, 1930	19	9

the first year of their academic course, 580 members, June, 1931—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English and history	Languages	Hygiene	Aptitude for service	Aggregate first year
Months	Days	Maximum							
		12	28	12	16	16	4	12	100
2	21	9.35	19.87	10.31	11.94	11.88	3.46	11.52	78.33
2	21	10.28	23.36	10.34	13.42	13.64	3.73	11.85	86.62
2	21	9.97	19.58	8.44	11.86	11.34	3.44	11.79	76.42
2	21	8.66	18.02	8.15	11.72	10.14	3.17	11.88	71.74
2	21	9.13	20.68	9.06	13.26	14.36	3.00	11.40	80.89
2	21	8.96	17.63	7.89	10.68	11.18	3.16	11.79	71.29
2	21	9.17	22.60	9.13	11.32	12.40	3.11	10.89	78.62
2	21	9.61	19.68	8.78	12.46	14.58	3.45	11.37	79.93
2	21	7.60	17.99	8.23	10.44	13.34	3.27	11.37	72.24
2	21	10.18	20.66	8.79	11.48	12.24	3.43	10.32	77.10
2	21	7.93	20.21	8.15	11.34	11.66	3.32	11.25	73.86
2	21	8.33	19.18	8.01	10.56	12.08	2.83	9.60	70.24
2	21	8.56	23.34	10.08	13.56	15.26	3.69	11.46	85.95
2	21	8.16	18.41	8.21	11.30	13.46	3.40	9.36	72.30
2	21	8.06	18.71	8.33	11.82	10.76	3.31	11.70	72.69
2	21	8.88	18.94	8.82	10.86	11.30	3.36	10.05	72.21
0	0	6.96	17.33	7.31	10.42	10.88	3.21	9.27	65.38
2	21	8.42	17.69	8.11	10.84	10.88	2.91	8.49	67.34
2	21	8.60	20.79	8.71	12.00	12.66	2.99	10.53	76.28
2	21	8.61	21.34	9.54	11.30	12.60	3.86	11.37	78.62
2	21	11.04	21.08	9.59	12.94	12.16	3.47	11.73	82.01
2	21	10.03	18.80	8.73	11.56	12.34	3.15	11.64	76.25
2	21	8.74	19.50	9.73	11.76	14.18	3.62	11.82	79.35
2	21	8.11	18.84	9.18	12.52	13.44	3.10	11.61	76.80
2	21	9.82	21.07	8.92	13.06	13.34	3.47	10.68	80.36
2	13	9.48	19.85	9.32	11.86	13.62	3.47	11.67	79.27
5	14	7.88	18.28	8.16	11.80	10.94	3.21	11.04	71.31
2	21	10.47	22.07	9.75	12.26	14.16	3.80	11.91	84.42
2	21	10.19	18.58	8.37	12.66	10.82	3.18	11.28	75.08
2	21	9.06	19.44	9.09	11.34	11.30	3.58	11.97	75.78
2	21	10.01	24.02	10.47	13.26	13.08	3.22	11.58	85.64
0	0	8.51	16.65	7.85	10.18	10.66	3.23	11.52	68.60
2	21	8.06	17.71	8.40	11.18	11.06	3.45	11.73	71.59
2	21	8.38	19.31	8.65	10.62	11.62	3.58	11.58	73.74
2	21	8.95	22.89	10.35	14.02	15.74	3.76	11.61	87.32
2	21	9.31	20.06	8.76	11.46	12.28	3.22	9.99	75.08
5	14	10.37	19.37	9.20	12.72	12.42	3.00	10.62	77.70
2	21	8.22	18.97	8.46	11.76	11.52	3.13	10.68	72.74
2	13	9.77	18.15	8.24	11.40	10.18	3.64	11.82	73.20
2	21	8.17	17.79	7.97	11.70	10.40	3.57	11.46	71.06
2	21	9.11	20.36	9.21	12.76	11.20	3.45	11.97	78.06
0	0	(a)	(a)	(a)	(a)	(a)	(a)	(a)	Inc.
2	21	9.18	18.29	8.36	11.98	13.54	3.42	11.58	76.35
2	21	9.30	19.23	8.34	11.44	11.38	3.41	11.37	74.47
2	21	8.79	17.91	8.34	12.30	10.54	3.39	10.95	72.22
2	21	9.38	20.54	9.13	11.00	11.02	3.18	11.85	76.10
2	21	10.13	21.57	10.35	12.54	13.80	3.64	11.85	83.88
0	0	8.46	19.36	8.10	11.42	11.00	3.43	10.11	71.88
2	21	8.17	19.58	8.39	12.12	10.98	3.36	11.52	74.12
2	21	11.03	24.12	10.47	12.28	14.74	3.63	11.40	87.67
2	21	9.22	18.46	8.54	11.78	10.42	3.53	11.58	73.53
2	13	8.64	18.50	8.02	11.04	11.18	2.87	11.67	71.92
2	21	8.97	19.39	9.31	11.86	12.34	3.47	10.77	76.11
2	21	8.43	20.86	8.20	11.38	11.56	3.33	11.82	75.58
2	13	8.66	17.92	7.60	10.72	12.66	2.78	11.31	71.65

Merit roll of the midshipmen of the present third class (class of 1934), for

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
104	Hardy, Robert James.....	Illinois.....	June 17, 1930	19	10
436½	Harlee, John.....	Florida.....	June 23, 1930	16	6
140	Harper, Cecil Kelly.....	Illinois.....	June 16, 1930	19	4
w	Harper, Thaddeus Stevens, jr.....	Missouri.....	June 17, 1929	19	2
334	Harris, Charles Lyle, jr.....	California.....	July 1, 1930	19	11
r	Hastings, Richard Ellis.....	Delaware.....	Aug. 25, 1930	20	0
326	Hastings, Willard Edward.....	North Dakota.....	June 16, 1930	18	1
445	Hatch, Brooke Henry.....	California.....	July 7, 1930	18	1
145	Hawes, Frederick William.....	Washington.....	June 16, 1930	19	10
*1	Haworth, Merton Dale.....	Kansas.....	July 1, 1930	18	11
303	Hay, Alexander Guion.....	Ohio.....	June 13, 1930	19	8
394	Heath, George Dawson, III.....	South Carolina.....	June 18, 1930	18	6
h541	Hedgecock, Leonard Ward.....	California.....	Sept. 18, 1930	20	5
461	Heerde, Frederick Charles.....	Massachusetts.....	June 18, 1930	19	0
173	Hembury, William Conrad.....	New York.....	July 14, 1930	16	11
93	Henderson, Charles Mitchell.....	Louisiana.....	June 18, 1930	19	2
284	Hendrick, Norman Price.....	Kentucky.....	July 1, 1930	19	10
373	Herbert, William Haynes.....	Mississippi.....	June 23, 1930	17	0
310	Hill, George Amos, jr.....	New Jersey.....	June 12, 1930	18	6
368	Hill, Herbert Dudley.....	Alabama.....	June 16, 1930	17	11
248	Hine, Thomas Ringle.....	Pennsylvania.....	do.....	19	9
h539	Hobbs, June Page.....	North Carolina.....	July 21, 1930	18	5
398	Hoffman, George Dewey.....	Delaware.....	June 18, 1930	19	2
r	Holladay, Douglas Stockton.....	Virginia.....	Sept. 22, 1930	19	2
199	Hommel, Robert Emerson.....	New York.....	July 1, 1930	18	8
196½	Honnold, Isaac Preston.....	Illinois.....	Sept. 25, 1930	20	0
312	Hopkins, Robert Hugh.....	California.....	June 27, 1930	18	5
180	Horton, John Aiken, jr.....	South Carolina.....	June 30, 1930	18	1
138	Houck, Ray Wallen.....	Kansas.....	June 28, 1929	18	8
340	House, Arthur Caswell, jr.....	North Carolina.....	Aug. 15, 1930	19	8
459	House, Arthur Emerson.....	New York.....	July 28, 1930	19	2
140	Houston, Robert Cecil.....	Illinois.....	July 14, 1930	18	3
101	Howard, John William.....	Texas.....	June 23, 1930	18	2
h544	Hunt, Richard Clayton.....	Alabama.....	June 16, 1930	18	10
wr	Hunter, Percival, jr.....	Illinois.....	July 29, 1929	19	10
287	Hutchings, Curtis Howell.....	Florida.....	June 17, 1930	18	7
133	Hyde, John Milton.....	New York.....	June 19, 1930	19	10
46	Hyland, John Joseph.....	Massachusetts.....	June 23, 1930	17	10
210	Ingersoll, Royal Rodney, 2d.....	Indiana.....	June 16, 1930	16	6
219	Ingling, Alan Lloyd.....	Pennsylvania.....	Aug. 12, 1929	18	9
265	Ingram, Carlyle.....	Georgia.....	June 20, 1930	17	1
240	Ireland, Maurice Thompson.....	Michigan.....	June 25, 1930	18	8
321	Irvine, Donald Greer.....	Iowa.....	June 30, 1930	19	7
434	Jackson, Charles Pollard, jr.....	Alabama.....	June 23, 1930	17	7
529	Jeter, Ervin Russell.....	Mississippi.....	Sept. 2, 1930	18	9
207	Joachim, Paul Lamar.....	New York.....	June 30, 1930	18	3
435	Johnson, Frank Ernest.....	Arizona.....	June 16, 1930	19	0
256	Johnson, James Everett.....	Mississippi.....	July 10, 1930	19	8
167	Johnson, Nels Clarence.....	New Hampshire.....	July 14, 1930	18	0
268	Johnston, Dewey George.....	Oklahoma.....	July 22, 1929	19	6
*21	Johnston, Robert King.....	South Dakota.....	July 7, 1930	18	10
383	Jones, Edwin Kuykendall.....	Texas.....	June 20, 1930	19	7
515	Jones, Kinsey.....	Colorado.....	June 24, 1930	18	7
111	Jurado, Enrique Lopez.....	Philippine Islands.....	July 14, 1930	19	0
72	Kait, Herman Hart.....	Pennsylvania.....	June 27, 1930	20	2

the first year of their academic course, 580 members, June, 1931—Continued

Sea service in practice ships		Engineer- ing and aeronautics	Mathe- matics	Electrical engineer- ing and physics	English and his- tory	Lan- guages	Hygiene	Aptitude for serv- ice	Aggregate first year
Months	Days	Maximum							
		12	28	12	16	16	4	12	100
2	21	10.64	21.71	10.01	11.88	11.22	3.61	11.91	80.98
2	21	8.72	20.48	8.91	12.38	11.92	3.63	7.53	73.57
2	21	8.67	20.90	9.78	12.28	12.48	3.65	11.97	79.73
0	0	(a)	(a)	(a)	(a)	(a)	(a)	(a)	Inc.
2	21	8.87	17.35	8.31	11.84	13.66	3.11	11.67	74.81
0	0	(a)	(a)	(a)	(a)	(a)	3.33	11.16	Inc.
2	21	8.45	19.99	8.79	12.00	10.94	3.36	11.52	75.05
2	21	8.18	17.93	8.91	11.10	11.48	3.73	10.95	72.28
2	21	9.45	21.90	10.09	12.62	12.52	3.29	9.63	79.50
2	21	11.32	25.21	10.92	14.28	15.10	3.87	11.85	92.55
2	21	9.95	18.48	8.95	12.06	11.24	3.37	11.67	75.72
2	21	7.84	18.43	8.18	12.60	12.84	2.88	10.95	73.72
0	0	8.79	16.22	7.17	9.90	10.08	3.67	10.98	66.81
2	21	8.72	18.10	7.84	11.06	11.20	3.23	11.82	71.97
2	21	10.07	19.96	8.87	11.82	13.42	3.66	10.71	78.51
2	21	10.00	22.40	10.51	11.76	11.80	3.65	11.22	81.34
2	21	8.42	18.66	8.95	11.64	13.28	3.79	11.28	76.02
2	21	8.20	19.69	8.33	12.18	10.36	3.52	11.70	73.98
2	21	9.61	18.84	9.33	12.56	12.54	3.14	9.51	75.53
2	21	9.40	19.20	8.49	11.30	11.04	3.68	10.95	74.06
2	21	9.24	19.28	9.22	12.28	11.24	3.68	11.70	76.64
2	21	8.36	17.26	7.49	10.58	10.34	3.30	10.32	67.65
2	21	9.37	18.69	8.74	11.34	11.64	3.39	10.44	73.61
0	0	(a)	(a)	7.93	(a)	10.02	3.30	11.76	Inc.
2	21	9.83	19.95	8.30	11.78	12.78	3.47	11.64	77.75
2	21	9.98	21.02	9.42	11.64	11.98	3.33	11.85	79.22
2	21	9.22	19.59	8.51	12.38	10.84	3.71	11.25	75.50
2	21	9.29	21.30	9.08	12.02	11.82	3.42	11.73	78.39
2	13	9.07	19.33	10.24	12.28	13.42	3.57	11.85	79.76
2	21	8.41	19.62	8.53	11.74	11.22	3.53	11.55	74.60
2	21	8.44	17.65	7.56	11.58	12.06	2.90	11.79	71.98
2	21	9.80	20.32	9.33	12.24	12.98	3.57	11.49	79.73
2	21	9.47	20.97	9.37	13.06	13.16	3.30	11.70	81.03
0	0	7.25	15.73	6.81	12.56	10.20	3.63	10.44	66.62
0	0	(a)	(a)	(a)	(a)	(a)	(a)	(a)	Inc.
2	21	9.17	21.07	8.01	11.00	12.26	3.14	11.31	75.96
2	21	9.78	22.15	8.95	11.44	12.60	3.17	11.91	80.00
2	21	9.89	22.89	9.64	12.80	13.46	3.47	11.55	83.70
2	21	9.83	20.00	8.88	12.24	11.58	3.33	11.52	77.38
2	21	9.70	20.62	8.71	11.96	11.46	3.13	11.55	77.13
2	21	9.09	19.94	8.20	12.08	13.16	3.45	10.41	76.33
2	21	9.64	19.91	8.64	11.44	13.16	3.06	10.92	76.77
2	21	8.63	18.47	9.28	12.56	10.86	3.43	11.91	75.14
2	21	8.55	19.05	8.35	12.02	10.64	3.01	11.04	72.66
2	21	8.61	17.49	7.99	10.82	10.64	3.20	10.17	68.92
2	21	9.11	19.64	9.46	12.48	11.94	3.56	11.31	77.50
2	21	9.43	17.95	7.91	11.28	11.50	3.36	11.22	72.65
2	21	8.35	19.69	8.09	12.14	14.24	3.07	10.89	76.47
2	21	10.54	20.97	8.91	11.38	11.66	3.33	11.88	78.67
2	21	8.67	20.18	8.99	11.78	11.36	3.54	11.76	76.28
2	13	10.47	22.75	10.31	12.56	14.10	3.43	11.79	85.41
2	21	9.49	20.77	8.43	10.90	11.90	2.81	9.51	73.81
2	13	7.81	18.43	8.04	10.72	10.54	3.33	11.04	69.91
2	21	8.37	22.53	9.71	11.66	13.22	3.53	11.67	80.69
2	21	9.62	20.42	9.41	12.68	14.40	3.70	12.00	82.23

MERIT ROLL OF THE PRESENT THIRD CLASS

Merit roll of the midshipmen of the present third class (class of 1934), for

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
48	Kane, Richard Francis.....	Massachusetts.....	June 20, 1930	17	6
105	Kearns, John William.....	Wisconsin.....	June 19, 1930	17	9
*15	Keller, William Welton.....	Pennsylvania.....	June 30, 1930	17	4
176	Kelly, Francis Albert Georgs.....	Texas.....	July 1, 1930	19	11
433	Kerby, Kenneth David.....	Idaho.....	June 27, 1930	19	7
326	Kesl, William Joseph.....	Michigan.....	June 23, 1930	18	10
448	Key, Hobart, jr.....	Texas.....	June 18, 1930	17	3
121	Kilmartin, Alfred Dunn.....	Michigan.....	July 14, 1930	18	2
178	Kimbell, Henry Tyus, jr.....	Oklahoma.....	June 20, 1929	19	3
*20	Kingsley, Nell Edgar.....	Iowa.....	June 16, 1930	18	3
293	Kinsella, William Thomas.....	Pennsylvania.....	July 11, 1930	17	2
45	Kirkpatrick, Claude Sicheluff.....	Oklahoma.....	June 18, 1930	19	8
88	Kisor, Manown.....	Pennsylvania.....	do.....	18	4
271	Kleppinger, Lehman Horn.....	do.....	June 20, 1930	18	8
471	Klunk, Richard Stewart.....	do.....	Sept. 15, 1930	18	0
52	Knapp, Gerald Anton.....	Washington.....	June 28, 1929	19	1
333	Knerr, Hugh Salisbury.....	At large (V. P.).....	June 23, 1930	17	2
117	Kopff, Richard Garms.....	New York.....	July 21, 1930	16	10
375	Kossler, Herman Joseph.....	At large (Pres.).....	June 13, 1930	18	6
197	Kramer, William Moltz.....	Pennsylvania.....	June 18, 1930	17	6
403	Krapf, Arthur Elmer.....	Maryland.....	June 27, 1930	19	3
114	Krulak, Victor Harold.....	Wyoming.....	June 19, 1930	17	5
163	Latham, Richard Clark.....	New York.....	June 26, 1930	19	2
74	Lautrup, George William, jr.....	do.....	June 17, 1930	18	3
231	Lawrence, William Henry.....	Michigan.....	July 2, 1930	17	1
413	Lawson, Ernest Charles, jr.....	West Virginia.....	July 23, 1930	18	7
59	Lee, Edwin Samuel, jr.....	Ohio.....	July 7, 1930	17	4
391	Lee, Robert Matthews.....	California.....	June 27, 1930	19	0
428	Leeman, Robert Whitney.....	New Hampshire.....	June 17, 1930	18	8
407	Lefelar, Louis, jr.....	New Jersey.....	do.....	19	9
535	Lemons, Jack.....	Oklahoma.....	June 23, 1930	19	11
290	Lennox, William Robert.....	New York.....	July 21, 1930	18	5
464	Lewis, Charles Douglas.....	Mississippi.....	June 17, 1930	19	3
317	Lewis, Hugh Howard.....	Texas.....	July 17, 1929	18	9
w	Lewis, Harrison Raymond, jr.....	Massachusetts.....	June 12, 1930	18	5
418	Lewis, Joseph Seaman.....	Louisiana.....	June 23, 1930	19	0
479	Leyde, Glen Warren.....	Minnesota.....	June 27, 1930	19	2
377	Logsdon, Earl William.....	Colorado.....	June 30, 1930	16	7
476	Lowe, John Thompson, jr.....	North Carolina.....	June 19, 1930	17	9
305	Lucas, Samuel Brooks.....	West Virginia.....	Sept. 8, 1930	20	2
295	Lundberg, Nils Harry.....	Vermont.....	July 8, 1930	17	7
28	Lundfelt, Marvin Ellsworth.....	Pennsylvania.....	July 1, 1930	18	7
441	Mackenzie, Colin Jack.....	Wyoming.....	June 19, 1930	19	8
290	Macleod, Warren Smith.....	Maryland.....	do.....	19	8
127	Maddox, William Squire.....	California.....	June 20, 1930	18	11
542	Magruder, Peyton Marshall.....	Illinois.....	June 16, 1930	18	8
67	Mann, Charles Clark.....	Louisiana.....	do.....	17	9
57	Mann, Richard Leslie.....	At large (Pres.).....	June 12, 1930	17	10
364	Manning, Arthur Reburg.....	Utah.....	June 19, 1930	19	2
153	Maples, Hugh Marion.....	Arkansas.....	July 8, 1930	19	3
331	Marcoux, Helidore Aimé.....	New Hampshire.....	July 14, 1930	20	0
82½	Marlowe, Robert Aloysius.....	California.....	Sept. 29, 1930	20	1
481	Marshall, Frank Gilkerson, jr.....	Maryland.....	June 17, 1930	18	3
397	Martin, John Croysdale.....	Illinois.....	do.....	19	11
416	Martin, William Inman.....	Missouri.....	June 12, 1930	19	1

the first year of their academic course, 580 members, June, 1931—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English and history	Languages	Hygiene	Aptitude for service	Aggregate first year
Months	Days	Maximum							
		12	28	12	16	16	4	12	100
2	21	9.30	23.52	10.41	11.96	13.90	3.07	11.43	83.59
2	21	10.20	21.07	10.00	12.32	12.36	3.14	11.88	80.97
2	21	10.11	21.30	10.56	13.76	14.76	3.67	12.00	86.16
2	21	8.79	18.77	8.98	13.04	13.80	3.32	11.76	78.46
2	21	8.62	17.83	8.22	11.68	10.78	3.63	11.91	72.67
2	21	9.88	19.35	8.72	11.76	10.92	2.93	11.49	75.05
2	21	8.64	18.72	8.10	11.48	11.02	3.16	11.10	72.22
2	21	10.07	21.82	9.04	12.10	12.36	3.22	11.76	80.37
2	21	9.95	20.05	9.36	11.12	12.64	3.44	11.85	78.41
2	21	9.90	23.88	10.51	13.04	13.06	3.51	11.64	85.54
2	13	10.05	19.52	8.76	10.82	12.32	3.03	11.37	75.87
2	21	10.17	24.00	10.21	11.70	12.28	3.52	11.88	83.76
2	21	10.72	20.90	9.34	12.68	12.86	3.25	11.70	81.45
2	21	9.11	19.40	8.36	11.76	13.12	3.28	11.22	76.25
2	21	9.21	18.23	8.42	10.42	10.50	2.94	11.94	71.66
2	21	10.10	22.17	9.75	12.26	13.94	3.50	11.55	83.27
2	21	9.90	18.59	8.49	11.64	11.54	3.31	11.37	74.84
2	21	9.46	21.03	8.43	12.32	14.24	3.74	11.31	80.53
2	21	8.27	19.18	8.01	11.28	12.24	3.08	11.91	73.97
2	21	9.97	19.86	8.39	12.16	12.90	3.28	11.25	77.81
2	21	8.66	19.64	8.90	11.38	9.90	3.23	11.79	73.50
2	9	9.54	21.64	9.68	12.62	12.04	3.35	11.76	80.63
2	21	9.32	21.01	9.33	12.34	12.56	3.23	11.10	78.89
2	21	10.25	22.76	9.06	11.46	14.36	3.07	11.25	82.21
2	21	8.46	19.58	8.48	12.40	12.82	3.44	11.70	76.88
2	21	8.32	18.65	8.19	12.60	10.86	3.11	11.40	73.13
2	21	10.97	22.94	9.54	12.36	11.86	3.38	11.85	82.90
2	21	8.85	18.81	8.28	11.98	11.08	3.85	10.89	73.74
2	21	8.27	18.02	8.49	11.74	11.68	3.20	11.40	72.80
2	21	7.51	19.32	8.61	10.76	12.82	3.40	10.86	73.28
0	0	9.11	18.02	7.60	10.14	9.14	3.25	11.34	68.60
2	21	9.96	21.54	8.28	10.30	11.42	3.02	11.37	75.89
2	21	8.62	18.11	8.01	11.32	11.22	3.17	11.43	71.88
2	21	9.58	19.25	8.84	11.74	11.72	3.14	11.04	75.31
0	0	(a)	(a)	(a)	(a)	(a)	3.15	11.31	Inc.
2	21	7.86	18.50	8.66	12.66	10.74	3.01	11.61	73.04
2	21	9.35	18.64	8.74	10.56	10.90	3.07	10.11	71.37
2	21	9.05	19.11	8.60	11.14	11.08	3.38	11.55	73.91
2	21	9.15	18.03	7.73	10.44	11.20	3.16	11.79	71.50
2	21	9.84	19.61	9.19	10.54	11.28	3.21	11.94	75.61
2	21	8.43	18.85	8.58	12.30	12.92	3.42	11.34	75.84
2	21	10.37	24.22	9.93	12.26	12.88	3.69	11.52	84.87
2	21	9.44	18.89	8.59	10.76	10.52	3.13	11.19	72.52
2	21	9.57	19.08	9.42	11.96	11.42	3.19	11.25	75.89
2	21	9.28	22.06	8.58	11.24	13.96	3.70	11.40	80.22
2	21	8.34	18.44	7.61	10.96	10.42	2.95	8.07	66.79
2	21	9.93	21.04	9.87	12.90	13.94	3.28	11.43	82.39
2	21	10.06	22.21	9.46	12.68	14.78	3.48	10.29	82.96
2	21	8.62	17.79	9.48	11.34	11.92	3.17	11.79	74.11
2	21	9.45	22.02	9.69	11.86	11.70	3.32	11.28	79.32
2	21	8.74	18.95	8.51	11.46	13.36	3.05	10.89	74.96
2	21	9.79	20.58	9.91	12.22	13.98	3.71	11.61	81.80
2	21	8.63	18.57	8.18	11.04	10.12	3.47	11.34	71.35
2	21	8.05	17.55	8.17	12.00	13.36	3.30	11.19	73.62
2	21	9.15	18.24	8.46	11.20	11.14	3.52	11.37	73.08

MERIT ROLL OF THE PRESENT THIRD CLASS

Merit roll of the midshipmen of the present third class (class of 1934), for

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
223	Matthews, Wilton Edgar.....	Texas.....	July 1, 1930	20	1
110	Maynard, Russell Hatton.....	Massachusetts.....	July 7, 1930	17	11
184	McClung, Edgar Raymond, jr.....	Indiana.....	June 19, 1930	17	0
146	McCombs, Paul.....	Colorado.....	June 23, 1930	17	5
i524	McCormick, Aloysius Elliott, jr.....	New York.....	June 17, 1930	19	7
38	McCormick, William Morgan.....	New Jersey.....	June 16, 1930	18	0
if509	McEntee, Girard Lindsley, jr.....	New York.....	June 17, 1930	18	10
h337	McGill, William Neil.....	Nevada.....do.....	.....do.....	19	6
385	McGillis, John Frink.....	Washington.....	June 18, 1930	20	1
i365	McGoff, John Edward.....	Vermont.....	Sept. 15, 1930	19	8
if504	McGrath, Thomas Dana.....	Illinois.....	July 14, 1930	17	8
357	McKeithen, Edwin Thornwell, jr.....	North Carolina.....	June 18, 1930	18	3
412	McKissack, Thompson Pope.....	Tennessee.....	Aug. 25, 1930	19	11
305	McLaren, Earle Kenneth.....	Illinois.....	July 7, 1930	17	10
489	McLean, Ronald Edward.....	Massachusetts.....	June 27, 1930	20	0
80	McMahon, John Merton.....	New York.....	June 30, 1930	17	11
207	McMillan, William.....	Wisconsin.....	July 28, 1930	19	1
*19	McNaughton, John Bruce.....	Pennsylvania.....	June 30, 1930	18	2
278	Mecleary, Elmer Read.....	New York.....	June 12, 1930	18	2
211	Menges, Robert Henry.....	Missouri.....	.....do.....	18	7
438	Merrick, Gorman Coady.....	Michigan.....	June 27, 1930	20	0
*14	Merrill, Grayson.....	California.....	June 13, 1930	18	5
354	Merrill, Ralph Standish.....	Florida.....	June 20, 1929	18	9
513	Merrill, Sidney Douglas Baxton.....	Rhode Island.....	June 19, 1930	16	3
458	Merrill, Wayne Rucker.....	Missouri.....	June 17, 1930	17	10
80	Metcalfe, John.....	Iowa.....	June 16, 1930	18	1
86	Metcalfe, Paul Thompson.....	Ohio.....	July 7, 1930	17	11
135	Middleton, Carl White, jr.....	California.....	June 19, 1930	20	0
92	Milbrath, Robert Henry.....	Wisconsin.....	July 21, 1930	18	3
89	Miller, David Charles.....	Michigan.....	June 12, 1930	19	4
390	Miller, Henry Louis.....	Alaska.....	July 7, 1930	18	0
437	Miller, John George.....	Ohio.....	July 3, 1930	19	3
361	Miller, Leonard Manning.....	Indiana.....	June 27, 1930	18	7
342	Miller, Stuart Paul.....	Pennsylvania.....	Aug. 11, 1930	19	1
526	Milner, Robert Miller.....	At large (Pres.).....	June 12, 1930	18	9
478	Montross, Joseph George.....	Michigan.....	July 7, 1930	18	6
410	Moore, Allen Willis.....	Maryland.....	June 19, 1930	18	4
429	Moran, Patrick Charles.....	New York.....	June 20, 1930	18	0
315	Morland, John Benjamin.....	Kansas.....	June 16, 1930	18	11
217	Mulcahy, Timothy John, jr.....	New York.....	June 13, 1930	18	3
165	Mullan, Hugh.....	do.....	Aug. 25, 1930	18	9
204	Mulquin, Edward Joseph.....	Connecticut.....	July 7, 1930	19	7
113	Mumma, George Edwin.....	Iowa.....	July 5, 1929	18	4
if512	Murphy, Frank James.....	do.....	Aug. 25, 1930	19	5
109	Murphy, William Clarence.....	Massachusetts.....	June 27, 1930	18	10
329	Murray, Hugh Quin.....	Georgia.....	June 30, 1930	17	8
98	Nauman, Harley Kent.....	Kansas.....	June 13, 1930	19	6
132	Neet, James Russell.....	Indiana.....	June 16, 1930	20	1
35	Nelson, Clyde Ralph.....	Illinois.....	July 22, 1930	17	7
273	Newell, James Harold.....	Georgia.....	July 7, 1930	19	1
102	Newman, Arthur Lester.....	New York.....	June 27, 1930	19	5
138	Nichols, John Culver.....	Illinois.....	June 20, 1930	20	0
214	Nichols, Richard Eugene.....	California.....	June 27, 1930	18	7
323	Nicol, George Beaton.....	Ohio.....	June 19, 1930	17	8
33	Nielsen, Homer Howard.....	Missouri.....	July 1, 1930	18	3

the first year of their academic course, 580 members, June, 1931—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English and history	Languages	Hygiene	Aptitude for service	Aggregate first year
Months	Days	Maximum							
		12	28	12	16	16	4	12	100
2	21	9.26	18.51	8.33	13.62	12.62	3.60	11.13	77.07
2	21	8.59	20.72	9.54	12.20	14.78	3.38	11.52	80.73
2	21	9.41	21.93	9.43	12.04	10.62	3.43	11.40	78.26
2	21	9.99	19.49	9.96	12.96	11.68	3.44	11.97	79.49
2	21	7.88	17.56	7.99	11.56	10.56	2.90	10.95	69.40
2	21	10.29	22.65	10.64	12.66	12.64	3.52	11.91	84.31
2	21	8.42	17.62	7.77	10.58	11.02	3.29	11.52	70.22
2	9	8.75	17.53	8.30	11.72	13.30	3.52	11.61	74.73
2	21	10.28	19.10	8.77	11.26	10.58	3.58	10.23	73.80
2	21	8.55	18.41	8.61	11.64	12.34	3.05	11.49	74.09
2	21	8.53	17.73	8.41	11.58	10.20	3.59	10.29	70.33
2	21	8.75	18.52	8.41	12.00	11.58	3.30	11.70	74.26
2	21	8.22	19.14	8.51	11.54	11.60	3.33	10.80	73.14
2	21	10.12	19.16	8.83	11.90	10.86	3.25	11.49	75.61
2	21	8.25	18.00	7.87	11.00	11.64	3.33	10.92	71.01
2	9	9.42	21.98	10.30	12.88	12.60	3.22	11.43	81.83
2	21	10.42	21.03	8.75	11.96	10.50	3.17	11.67	77.50
2	13	10.11	24.47	10.42	12.26	13.54	3.37	11.40	85.57
2	21	9.81	20.01	8.45	11.16	12.18	3.37	11.10	76.08
2	21	8.37	19.68	8.43	11.70	14.38	3.33	11.46	77.35
2	21	8.87	18.57	8.46	12.18	10.88	3.68	9.93	72.57
2	21	9.96	23.82	10.67	13.24	13.34	3.73	11.85	86.61
2	21	9.08	18.54	8.94	11.62	11.06	3.29	11.88	74.41
2	21	8.29	18.43	7.65	10.82	10.88	3.06	10.95	70.08
2	21	8.66	17.91	8.23	12.42	10.34	3.60	10.86	72.02
2	21	9.94	22.53	9.47	12.42	13.02	3.23	11.22	81.83
2	21	9.66	21.49	9.70	12.18	13.28	3.30	11.97	81.58
2	21	10.23	20.14	8.63	11.72	14.10	3.42	11.67	79.91
2	21	9.79	21.27	9.28	12.46	13.86	3.62	11.07	81.35
2	13	10.22	22.44	9.46	12.26	11.96	3.28	11.82	81.44
2	21	7.93	18.68	8.24	11.98	12.02	3.35	11.55	73.75
2	21	9.13	18.78	8.30	10.88	10.32	3.48	11.70	72.59
2	21	8.43	19.36	7.93	11.18	12.54	3.11	11.61	74.16
2	21	9.66	19.08	8.53	11.64	10.84	3.49	11.34	74.58
2	21	8.29	18.88	7.79	10.28	11.14	3.18	9.78	69.34
2	21	7.97	18.00	8.20	11.24	12.10	3.34	10.59	71.44
2	21	8.64	18.50	8.94	10.92	11.54	3.15	11.52	73.21
2	21	8.96	19.10	7.86	11.34	11.18	3.12	11.22	72.78
2	21	9.36	21.94	8.23	10.82	10.34	3.11	11.67	75.47
2	21	9.25	20.70	8.79	12.10	12.86	2.93	10.53	77.16
2	21	9.50	21.42	9.83	12.24	11.66	2.99	11.19	78.83
2	21	9.40	20.59	9.29	12.38	12.12	3.10	10.68	77.56
2	13	10.20	20.65	9.10	12.66	12.66	3.75	11.64	80.66
0	0	7.69	18.62	7.94	11.04	11.26	3.23	10.32	70.10
2	21	9.65	22.13	9.86	12.34	11.96	3.26	11.61	80.81
2	13	9.19	19.05	8.48	11.30	12.00	3.44	11.52	74.98
2	21	9.94	21.82	9.54	11.96	12.60	3.59	11.67	81.12
2	21	10.20	20.82	9.21	12.68	12.40	3.24	11.46	80.01
2	21	10.41	24.43	10.39	11.70	12.52	3.26	11.70	84.41
2	13	9.69	20.54	9.91	11.36	10.88	3.50	10.35	76.23
2	21	9.64	21.28	9.08	12.04	13.72	3.47	11.79	81.02
2	21	10.12	19.99	9.36	12.30	13.18	3.02	11.79	79.76
2	21	8.93	19.53	8.58	11.76	13.26	3.39	11.79	77.24
2	21	9.29	20.25	8.84	11.02	11.26	3.39	11.04	75.09
2	21	10.30	24.98	9.57	12.36	12.22	3.20	11.97	84.60

MERIT ROLL OF THE PRESENT THIRD CLASS

Merit roll of the midshipmen of the present third class (class of 1934), for

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
171	Nienstedt, Donald Albert.....	California.....	June 26, 1930	18	8
56	Novitski, Francis Joseph.....	Wisconsin.....	June 20, 1930	16	4
*3	Nusom, Frank Allen.....	Texas.....	July 7, 1930	17	2
195	Nutt, James Stanley.....	Ohio.....	June 19, 1930	17	10
359	Oakley, Thomas Benjamin, jr.....	New York.....	June 20, 1930	18	4
400	O'Brien, Francis Robert.....	Montana.....	June 18, 1930	18	6
533	O'Donnell, James Francis.....	New York.....	July 21, 1930	19	4
336	O'Kane, Richard Hetherington.....	New Hampshire.....	July 14, 1930	19	5
281	Oliver, Robert John.....	Ohio.....	June 18, 1930	19	10
h522	O'Neill, Bernard Andrew.....	Maryland.....	July 21, 1930	18	11
241	Ours, Statton Ray, jr.....	West Virginia.....	June 18, 1930	19	5
226	Ovrom, Robert Johnson.....	Wisconsin.....	June 20, 1930	18	0
151	Owers, James Elliott.....	Massachusetts.....	do.....	16	11
174	Packard, Arden.....	California.....	June 27, 1930	19	2
159	Paine, Charles Bodwell, jr.....	Maine.....	July 14, 1930	18	2
395	Parker, John Hayden.....	Wyoming.....	June 19, 1930	18	9
424	Parks, Floyd Bruce.....	Missouri.....	June 27, 1930	19	5
142	Parsons, George Evald Theodore.....	Massachusetts.....	do.....	20	1
505	Paton, Robert Arthur.....	New York.....	July 15, 1930	17	10
531	Payne, Frederick Rounselle, jr.....	do.....	June 12, 1930	18	10
467	Payne, Raymond.....	Mississippi.....	July 21, 1930	18	4
506	Payntor, Curtis Alvin.....	Indiana.....	June 30, 1930	18	5
188	Peacock, Thomas Allen.....	Texas.....	June 19, 1930	19	6
211	Pearce, Kenneth Guy.....	California.....	June 27, 1930	19	5
405	Peddy, Calaway Hill.....	Georgia.....	June 23, 1930	18	0
63	Peeler, William Randolph.....	Missouri.....	June 12, 1930	19	10
87	Pegelow, Frederic George.....	Illinois.....	Aug. 25, 1930	19	8
135	Perkins, Grafton Brookhouse, jr.....	Massachusetts.....	June 17, 1930	17	5
83	Pesante, Juan Bautista.....	Porto Rico.....	July 28, 1930	18	11
485	Peterson, Ward Joseph.....	Minnesota.....	June 19, 1930	18	10
h495	Petrie, Clarence Walker.....	North Carolina.....	June 27, 1930	19	9
98	Pfotenhauer, Fred Dorst.....	Missouri.....	June 17, 1930	20	2
129	Phelps, John Mitchell.....	California.....	June 12, 1930	17	11
514	Phillips, Seiler George.....	Pennsylvania.....	June 18, 1930	20	1
215	Pilcher, Campbell.....	Michigan.....	June 30, 1930	17	7
*12	Pinney, Frank Lucius, jr.....	Connecticut.....	June 25, 1930	17	3
113½	Pittard, George Franklin.....	Georgia.....	June 27, 1930	18	11
342	Platt, Francis Chedsey.....	Pennsylvania.....	July 7, 1930	19	7
85	Powell, Edgar Samuel, jr.....	Minnesota.....	June 17, 1930	19	8
h530	Power, Reginald Carroll.....	Kentucky.....	July 21, 1930	18	5
372	Powers, Bennet Gordon.....	Illinois.....	July 8, 1930	17	9
h516½	Prentice, Joseph Rollin.....	Nebraska.....	Aug. 25, 1930	19	8
241	Presler, Irving Stahl.....	Ohio.....	June 19, 1930	19	3
370	Price, Forrest Marion.....	Texas.....	June 17, 1930	20	2
202	Price, Lowell Scherich.....	Oklahoma.....	do.....	18	2
340	Pugh, Donald Ellsworth.....	Colorado.....	June 23, 1930	19	3
487	Quesnell, Edmund Rudell.....	Minnesota.....	July 29, 1930	19	11
h332	Quinn, James Francis, jr.....	Illinois.....	June 27, 1930	18	6
338	Raborn, Albert.....	Florida.....	June 19, 1930	19	9
176	Ramsey, Milton Stuart.....	Pennsylvania.....	June 18, 1930	19	0
125	Randolph, Silas David.....	Illinois.....	July 1, 1930	19	10
129	Rankin, Ronald Quentin.....	Arkansas.....	June 23, 1930	19	6
237	Ray, Martin Hasset, jr.....	New York.....	June 17, 1930	16	10
376	Rector, James Alexander, jr.....	Kansas.....	July 1, 1930	18	4
494	Reeves, Malcolm Clephane.....	South Carolina.....	July 7, 1930	19	8

the first year of their academic course, 580 members, June, 1931—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English and history	Languages	Hygiene	Aptitude for service	Aggregate first year
Months	Days	Maximum							
		12	28	12	16	16	4	12	100
2	21	9.51	20.17	9.01	12.24	12.42	3.69	11.52	78.56
2	21	9.87	22.59	10.23	12.94	12.92	3.22	11.22	82.99
2	21	9.82	24.04	10.92	14.04	16.00	3.40	11.55	89.77
2	21	9.52	20.56	8.64	12.88	13.52	3.70	9.09	77.91
2	21	9.22	19.87	8.43	10.96	12.04	3.39	10.32	74.23
2	21	8.40	18.67	8.82	11.84	11.18	3.11	11.58	73.60
2	21	7.48	17.82	7.57	11.02	12.98	2.87	8.91	68.65
2	21	8.79	19.40	8.38	11.10	13.06	3.65	10.38	74.76
2	21	9.74	19.53	9.11	10.88	11.34	3.66	11.79	76.05
2	21	8.46	17.60	8.06	10.54	10.64	3.23	11.07	69.60
2	21	9.51	20.69	8.97	11.44	11.18	3.32	11.64	76.75
2	21	9.71	19.82	8.42	11.30	12.66	3.26	11.88	77.05
2	21	9.26	20.95	9.10	12.30	13.48	2.92	11.34	79.35
2	21	9.06	19.28	9.29	11.90	14.52	3.38	11.07	78.50
2	21	10.07	20.34	9.69	11.30	12.64	3.41	11.61	79.06
2	21	8.95	20.17	8.11	11.26	10.80	3.15	11.25	73.69
2	21	8.02	18.52	8.21	11.80	11.58	3.20	11.58	72.91
2	21	9.93	21.08	8.99	12.00	12.44	3.46	11.82	79.72
2	21	8.15	17.54	8.11	10.68	11.38	3.22	11.19	70.27
2	21	8.16	17.96	7.76	10.24	11.28	2.84	11.10	68.84
2	21	9.49	19.16	8.13	10.78	10.52	3.10	10.68	71.86
2	21	8.16	18.18	7.91	11.66	10.42	3.26	10.65	70.24
2	21	8.40	17.77	8.49	13.30	14.44	3.79	11.97	78.16
2	21	9.68	19.75	8.90	11.80	12.12	3.94	11.16	77.35
2	21	8.86	19.80	8.64	10.56	11.28	3.04	11.19	73.37
2	21	10.80	23.28	10.43	11.84	10.84	3.82	11.58	82.59
2	13	9.06	21.30	10.02	12.52	13.62	3.25	11.73	81.50
2	21	9.50	20.15	8.40	12.78	13.92	3.40	11.76	79.91
2	21	9.97	23.41	10.07	11.18	12.40	2.99	11.70	81.72
2	21	7.98	18.18	8.60	11.36	10.98	3.31	10.74	71.15
2	21	9.08	17.67	7.96	11.32	10.16	3.05	11.61	70.85
2	13	8.98	21.58	10.51	13.14	11.76	3.30	11.85	81.12
2	21	9.82	22.09	9.85	11.50	12.16	3.06	11.97	80.08
2	21	8.54	17.87	7.83	10.80	9.82	3.29	11.91	70.06
2	21	9.16	19.44	8.94	12.08	13.10	3.37	11.13	77.22
2	21	9.92	23.86	10.05	13.92	14.10	3.38	11.82	87.05
2	21	9.91	20.08	9.90	13.00	12.74	3.17	11.85	80.65
2	13	8.33	19.79	7.99	12.02	11.80	3.07	11.58	74.58
2	21	10.79	22.86	8.98	11.74	12.54	2.95	11.76	81.61
0	0	7.75	15.85	7.91	11.72	11.78	3.12	10.77	68.90
2	21	9.31	18.78	8.09	11.38	11.44	3.35	11.64	73.99
2	21	9.35	8.09	8.45	11.54	10.60	3.16	8.64	69.83
2	21	9.46	19.21	8.23	11.86	14.42	3.52	10.05	76.75
2	21	10.27	18.48	8.51	11.34	11.00	3.19	11.25	74.04
2	21	9.93	20.40	9.13	11.00	12.78	2.82	11.52	77.58
2	21	9.12	18.99	8.55	12.40	11.98	3.21	10.35	74.60
2	21	8.49	17.69	8.26	11.56	10.48	3.33	11.25	71.06
2	21	8.87	17.47	8.00	12.54	14.36	3.15	10.50	74.89
2	21	9.60	20.13	8.35	10.76	10.86	3.01	12.00	74.71
2	21	9.42	19.95	9.46	11.94	12.42	3.45	11.82	78.46
2	21	9.74	20.65	9.43	12.70	12.38	3.84	11.55	80.29
2	21	8.98	19.67	9.26	11.46	11.66	3.12	11.55	80.08
2	21	8.73	20.11	8.84	11.84	13.32	3.21	10.74	76.79
2	21	9.18	19.26	8.38	11.16	11.28	3.27	11.40	73.93
2	21	8.45	18.04	8.97	11.10	11.32	3.16	9.84	70.88

Merit roll of the midshipmen of the present third class (class of 1934), for

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
150	Rider, Eugene Carter.....	Kentucky.....	June 17, 1930	17	4
490	Ring, Edward Patrick.....	Connecticut.....	June 20, 1930	18	5
167	Risser, Robert Dunlap.....	Iowa.....	June 16, 1930	18	4
421	Ritson, Ernest Leo Edward.....	New Jersey.....	June 19, 1930	19	6
346	Rittenhouse, Ellis Brooks.....	Delaware.....	July 21, 1930	18	7
262	Robbins, Burton McKeen.....	Florida.....	June 27, 1930	20	3
97	Robbins, Orme Campbell.....	Alabama.....	June 19, 1930	17	4
274	Robbins, William Isaac.....	North Carolina.....	June 27, 1930	19	9
123	Robertson, Robert Neal.....	Texas.....	June 19, 1930	17	7
253	Robinson, Richard Stevens.....	Maine.....	July 1, 1930	19	9
339	Roenigk, John George.....	Pennsylvania.....	June 18, 1930	18	3
289	Rohr, Clifford Maxwell.....	New York.....	June 17, 1930	17	3
216	Rooney, Carl William.....	do.....	June 27, 1930	19	3
36	Rosenberg, Marvin Irving.....	Colorado.....	June 19, 1930	18	5
293	Rottet, Ralph Kaspar.....	Indiana.....	June 24, 1930	19	4
157	Ruffin, George Champion, jr.....	Virginia.....	June 18, 1930	17	3
w	Rush, Samuel Opdyke, jr.....	North Carolina.....	June 24, 1930	19	1
*6	Rutherford, Reginald.....	District of Columbia.....	June 27, 1930	16	10
468	Sample, Leon Hughes.....	Mississippi.....	June 24, 1930	17	7
197	Sapp, John Wesley, jr.....	Wyoming.....	June 19, 1930	18	11
538	Saunders, Theodore Sheppard.....	Georgia.....	June 27, 1930	19	3
379	Savidge, Paul Sheppard, jr.....	Washington.....	June 18, 1930	18	1
187	Scanland, Francis Worth, jr.....	Louisiana.....	June 17, 1930	17	9
49	Schantz, Edwin Hillegas.....	Pennsylvania.....	June 19, 1930	19	10
144	Schatz, Otto Carl, jr.....	California.....	June 12, 1930	17	9
163	Scherer, Donald Arthur.....	Florida.....	June 13, 1930	18	9
316½	Schnable, Allan George.....	New Jersey.....	June 17, 1930	19	9
313	Schoenweiss, Carl William.....	New York.....	July 16, 1930	18	7
185	Schofield, Leslie Harrison.....	Utah.....	June 18, 1930	16	6
520	Schreiber, William Henry.....	Illinois.....	June 16, 1930	18	10
302	Schuessler, Bernard Holstun.....	Alabama.....	June 24, 1930	18	1
*23	Schulz, Lester Robert.....	Colorado.....	June 30, 1930	17	3
314	Schwartz, James English.....	Pennsylvania.....	June 12, 1930	19	2
278	Seeds, Elmore Willard.....	Ohio.....	June 18, 1930	18	2
443	Sellars, Robert Frederick.....	Oregon.....	June 24, 1930	20	0
284	Semmes, Benedict Joseph, jr.....	Tennessee.....	June 19, 1930	17	2
w	Settle, Walker Andrew, jr.....	California.....	June 19, 1930	17	6
183	Shallenberger, Martin Conrad, jr.....	Nebraska.....	June 23, 1930	17	9
484	Sharrocks, Charles Spurgeon.....	Pennsylvania.....	July 1, 1930	19	0
228	Shaw, Samuel Robert.....	Ohio.....	do.....	19	1
415	Sheffield, Fletcher Lamar, jr.....	At large (Pres.).....	June 12, 1930	17	4
251	Shepard, Richard Daniels.....	do.....	June 16, 1930	17	8
128	Shilson, James Starr.....	do.....	July 12, 1930	20	2
203	Shriver, John Frederick.....	New York.....	June 18, 1930	17	0
492	Siddle, Eugene Jordan.....	Wyoming.....	June 19, 1930	20	1
474	Sidner, Harvey Frederick.....	Illinois.....	June 16, 1930	19	6
*4	Siver, Chester Asa.....	Wisconsin.....	June 19, 1930	18	0
*9	Skjonsby Verne Leslie.....	North Dakota.....	June 23, 1930	19	8
27	Slack, Leslie Martin.....	Michigan.....	June 16, 1930	20	2
38	Smith, Arthur Chester.....	Massachusetts.....	June 17, 1930	18	9
68	Smith, Bernard Adrian.....	Washington.....	June 16, 1930	19	2
158	Smith, Hinton Ira.....	Ohio.....	June 20, 1930	18	10
192	Smith, James Edward.....	Georgia.....	June 16, 1930	16	6
50	Smith, John Victor.....	Pennsylvania.....	June 30, 1930	18	1
456	Smith, Roy Campbell, 3d.....	New York.....	June 19, 1930	17	1

the first year of their academic course, 580 members, June, 1931—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English and history	Languages	Hygiene	Aptitude for service	Aggregate first year
Months	Days	Maximum							
		12	28	12	16	16	4	12	100
2	21	9.22	21.80	10.36	11.28	12.44	3.41	10.86	79.37
2	21	7.74	17.45	7.76	11.02	13.68	3.03	10.32	71.00
2	21	10.08	19.98	9.67	12.04	11.52	3.38	12.00	78.67
2	21	8.54	18.61	8.79	11.52	11.52	3.03	10.92	72.93
2	21	8.84	19.59	8.32	12.14	11.24	3.11	11.31	74.55
2	21	8.97	20.28	8.40	12.26	12.22	3.46	10.77	76.36
2	21	10.00	22.52	10.00	11.88	11.90	3.64	11.22	81.16
2	21	9.59	19.43	8.30	11.42	12.40	3.50	11.49	76.13
2	21	9.74	20.59	9.12	12.42	13.02	3.75	11.70	80.34
2	21	9.12	17.72	7.91	12.58	13.82	3.45	11.97	76.57
2	21	10.05	18.52	8.38	11.62	10.90	3.48	11.67	74.62
2	21	9.02	20.77	9.12	11.88	13.72	3.80	7.59	75.90
2	21	9.02	19.45	8.95	12.62	12.24	3.38	11.55	77.21
2	21	10.03	24.30	10.43	12.08	12.66	3.50	11.37	84.37
2	13	9.69	19.49	8.87	11.82	11.18	3.42	11.40	75.87
2	13	9.48	21.92	9.81	11.90	11.54	3.47	11.01	79.13
0	0	(a)	(a)	(a)	(a)	(a)	3.04	11.70	Inc.
2	21	9.43	24.52	9.50	13.72	15.30	3.53	11.76	87.76
2	21	8.66	17.73	7.79	10.94	11.30	3.63	11.73	71.78
2	21	10.10	22.05	8.84	11.52	10.28	3.14	11.83	77.81
2	21	7.63	17.24	7.69	10.94	10.32	2.92	11.22	67.96
2	21	10.01	19.06	8.29	11.38	10.50	3.08	11.55	73.87
2	21	9.99	20.30	8.78	12.32	11.64	3.75	11.40	78.18
2	21	10.80	23.09	10.50	12.28	11.52	3.46	11.91	83.56
2	21	9.69	20.73	9.07	11.66	13.48	3.42	11.46	79.51
2	21	9.93	20.95	9.32	12.10	11.74	3.36	11.49	78.89
2	21	9.31	19.22	8.60	12.06	11.22	3.28	11.73	75.42
2	21	7.89	18.61	8.24	12.12	13.74	3.40	11.49	75.49
2	21	8.47	20.56	9.48	11.62	14.02	3.16	10.92	78.23
0	0	7.54	17.37	7.44	10.58	11.76	3.24	11.76	69.69
2	21	8.83	19.05	8.49	11.90	12.30	3.31	11.85	75.73
2	21	9.63	23.37	10.35	12.48	14.20	3.58	11.70	85.31
2	21	8.72	19.32	8.20	10.94	12.64	3.72	11.94	75.48
2	21	8.85	19.63	9.62	11.30	13.56	3.31	9.81	76.08
2	13	9.91	18.55	8.35	11.58	11.46	2.89	9.66	72.40
2	21	9.88	20.71	8.26	11.72	10.84	3.09	11.52	76.02
0	0	(a)	17.81	(a)	11.72	(a)	3.50	11.16	Inc.
2	21	9.57	20.32	9.06	11.78	13.20	3.07	11.28	78.28
2	21	8.19	17.51	7.80	11.62	10.94	3.22	12.00	71.23
2	13	8.33	18.50	8.99	12.56	13.76	3.38	11.43	76.95
2	21	9.40	18.18	8.25	10.96	11.34	3.05	11.91	73.09
2	21	11.01	19.58	8.73	11.78	10.42	3.24	11.85	76.61
2	9	9.13	21.63	10.28	12.10	11.42	3.63	11.97	80.16
2	21	10.00	20.50	8.24	10.88	14.26	3.01	10.68	77.57
2	21	8.83	18.74	8.25	10.66	10.24	3.33	10.89	70.94
2	21	8.76	17.29	8.08	11.52	11.70	3.18	10.98	71.51
2	21	11.32	25.74	10.41	12.22	14.10	3.54	11.64	88.97
2	21	10.18	24.33	10.77	13.16	13.96	3.55	11.55	87.50
2	13	11.19	22.55	10.42	12.64	12.98	3.42	11.70	84.90
2	21	9.29	21.85	10.26	13.52	13.80	3.74	11.85	84.31
2	21	10.35	21.71	10.21	12.12	12.66	3.39	11.94	82.38
2	21	9.21	19.43	9.76	12.26	12.86	3.64	11.94	79.10
2	21	9.16	19.07	9.39	12.42	13.38	3.49	11.13	78.04
2	9	9.67	23.08	9.44	12.16	14.04	3.52	11.58	83.49
2	21	8.76	18.35	8.25	13.28	10.90	3.46	9.09	72.09

Merit roll of the midshipmen of the present third class (class of 1934), for

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
128½	Smith, William Robinson, 3d.....	At large (Pres.).....	June 16, 1930	16	11
148	Smyth, William Astrup.....	Illinois.....	do.....	17	8
500	Snyder, William Alfred, jr.....	Louisiana.....	June 19, 1930	19	1
41	Solenberger, Earl Kenneth.....	North Dakota.....	Sept. 2, 1930	18	4
419	South, Thomas Winfield, 2d.....	Rhode Island.....	June 20, 1929	18	8
403	Spicer, Henry Calvin, jr.....	Georgia.....	June 30, 1930	17	5
260	Stack, Gerald Francis.....	California.....	June 23, 1929	18	2
493½	Staley, Joseph Jarlathe.....	Ohio.....	June 18, 1929	18	4
407	Stanish, George Francis.....	Montana.....	June 19, 1930	19	5
409	Staples, William David, jr.....	Alabama.....	do.....	18	1
534	Stark, William Weldon, jr.....	Georgia.....	June 16, 1930	18	7
66	Stephan, Charles Robert.....	New York.....	June 25, 1930	18	9
436½	Stephens, Stuart.....	Arkansas.....	June 16, 1930	19	8
w	Stephenson, Richard Davids.....	New York.....	July 14, 1930	17	9
479	Stevenson, William Alfred.....	Ohio.....	June 19, 1930	19	1
*14½	Stirling, Cedric Warren.....	California.....	June 12, 1930	18	9
406	Stivers, Joseph Wiley.....	Missouri.....	July 28, 1930	19	4
510	Stone, Archibald, jr.....	New York.....	June 20, 1930	20	2
439	Stone, Lester Jay.....	California.....	June 27, 1930	19	0
246	Strickler, Lyle Eugene.....	Oklahoma.....	June 18, 1930	18	3
439	Stuart, Richard St. Clair.....	Iowa.....	June 19, 1930	19	6
233	Stulgis, Joseph Edward.....	Washington.....	July 1, 1930	19	10
457	Stunkard, McClellan Ferguson, jr.....	Pennsylvania.....	June 25, 1930	19	4
311	Sweeney, Albert Earle, 2d.....	Texas.....	June 16, 1930	18	11
230	Sweeney, William Edward.....	New Jersey.....	July 7, 1930	16	7
344	Swift, Douglas McKean.....	Massachusetts.....	June 27, 1930	19	5
69	Taylor, Brown.....	Georgia.....	July 28, 1930	18	1
237	Taylor, Keith Eikenberry.....	Indiana.....	July 8, 1930	17	4
430	Taylor, Leslie Kelly.....	Virginia.....	June 18, 1930	20	0
418	Tharin, Frank Cunningham.....	South Carolina.....	July 21, 1930	19	9
280	Thompson, Harry LeRoy, jr.....	At large (Pres.).....	June 12, 1930	16	8
82	Thompson, Ivan Philip.....	Michigan.....	June 17, 1930	18	1
329	Thompson, Zane, jr.....	Nebraska.....	July 7, 1930	18	2
474	Thurston, Charles Edward, jr.....	New Jersey.....	Aug. 25, 1930	18	10
146	Tibbets, Joe Bonafield.....	West Virginia.....	July 15, 1930	19	5
*13	Tilburne, Edward Roanoke.....	New York.....	June 17, 1930	17	8
453	Torrey, Philip Huston, jr.....	Montana.....	June 25, 1930	17	2
103	Townsend, Robert Lee.....	Texas.....	June 16, 1930	18	10
251	Truxton, Thomas.....	Connecticut.....	June 23, 1930	16	5
422	Turrentine, Rudolph Andrew.....	Texas.....	June 30, 1930	19	6
459	Updegrave, Jacob Walter.....	Pennsylvania.....	July 14, 1930	17	8
243	Upham, Frank Kidder.....	Vermont.....	June 20, 1930	19	6
328	Vadnais, Harry Ward George.....	Minnesota.....	July 28, 1930	20	0
118	Van Arsdall, Clyde James, jr.....	Mississippi.....	June 23, 1930	16	11
267	Van Buskirk, Beverly Robinson.....	Colorado.....	June 19, 1930	20	2
32	Van Leunen, Paul, jr.....	Ohio.....	do.....	17	6
501	Vose, James Everett, jr.....	Rhode Island.....	July 10, 1930	18	1
352	Walker, George Pearson.....	New Jersey.....	June 25, 1930	19	1
131	Walker, William Warren.....	Washington.....	June 30, 1930	19	3
436	Walkup, Benjamin Franklin.....	Indiana.....	June 16, 1930	18	11
297	Walters, Clarence John.....	Idaho.....	July 7, 1930	19	4
h536	Ward, Sibley Logan, jr.....	Arkansas.....	June 19, 1930	18	6
396	Ware, Charles Rollins.....	Tennessee.....	June 27, 1930	19	4
225	Watkins, Terry Lynn.....	Texas.....	July 1, 1930	19	3
31	Waybright, John Jennings.....	West Virginia.....	June 17, 1930	18	3

the first year of their academic course, 580 members, June, 1931—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English and history	Languages	Hygiene	Aptitude for service	Aggregate first year
Months	Days	Maximum							
		12	28	12	16	16	4	12	100
2	21	9.84	21.78	9.57	11.74	12.00	3.49	11.67	80.09
2	21	10.14	19.83	10.48	11.66	12.08	3.32	11.91	79.42
2	21	8.39	17.46	8.34	11.26	10.28	3.52	11.28	70.53
2	21	10.39	22.18	9.74	12.26	15.18	3.09	11.37	84.21
5	14	8.22	18.99	7.98	11.40	11.64	3.15	11.64	73.02
2	21	7.72	18.26	8.28	11.44	13.02	2.99	11.79	73.50
2	21	9.32	18.95	8.99	11.94	11.72	3.61	11.85	76.38
5	14	7.95	18.83	7.53	11.00	10.70	2.91	11.97	70.89
2	21	8.17	18.56	8.54	11.64	11.58	3.03	11.76	73.28
2	21	8.92	18.40	8.03	11.26	11.70	3.26	11.70	73.27
2	21	8.22	18.79	7.55	10.30	11.52	3.11	9.12	68.61
2	21	10.26	21.37	8.90	12.20	14.62	3.32	11.82	82.49
2	21	8.48	19.92	8.51	10.40	10.70	3.02	11.58	72.61
0	0	(a)	15.18	(a)	(a)	(a)	3.10	11.31	Inc.
2	21	8.30	18.09	8.47	11.28	11.06	2.86	11.31	71.37
2	21	9.46	22.80	10.31	13.06	15.42	3.34	11.94	86.33
2	21	9.02	21.08	8.22	10.64	10.80	3.41	10.14	73.31
2	9	8.61	18.75	7.70	10.72	10.58	3.10	10.65	70.11
2	21	10.06	19.07	7.89	10.84	11.38	2.99	10.32	72.55
2	21	9.38	19.56	8.78	12.86	11.68	3.10	11.31	76.67
2	21	10.27	18.76	7.88	10.52	11.24	2.96	10.92	72.55
2	21	9.10	20.29	9.16	11.58	11.16	3.78	11.79	76.86
2	21	8.61	77.38	8.03	10.62	12.38	3.35	11.67	72.04
2	21	8.65	20.05	8.95	10.60	12.20	3.16	11.91	75.52
2	21	8.88	20.39	8.31	12.10	12.24	3.11	11.88	76.91
2	21	9.32	18.74	8.98	11.80	10.22	3.54	11.97	74.57
2	21	9.50	21.32	9.86	12.84	13.58	3.50	11.73	82.33
2	21	10.15	20.25	8.95	12.10	10.18	3.58	11.58	76.79
2	21	8.96	18.73	8.15	11.40	10.72	3.14	11.64	72.74
2	21	9.46	19.03	7.84	11.10	11.10	2.96	11.55	73.04
2	21	9.06	19.69	8.97	11.50	12.48	3.24	11.13	76.07
2	21	9.92	22.92	9.33	12.48	11.96	3.21	12.00	81.82
2	21	8.72	19.08	9.22	11.24	11.74	3.37	11.01	74.98
2	21	7.69	17.46	8.00	11.26	12.06	3.34	11.70	71.51
2	21	9.82	19.94	9.47	12.78	12.74	3.10	11.64	79.49
2	21	10.16	23.00	9.99	13.52	14.68	3.69	12.00	87.04
2	21	8.28	18.38	8.44	11.34	11.76	3.11	10.80	72.11
2	21	9.38	21.53	9.70	12.16	13.06	3.30	11.88	81.01
2	21	9.04	19.75	8.14	12.86	14.08	3.17	9.57	76.61
2	21	9.20	19.52	8.78	10.50	10.76	3.33	10.83	72.92
2	13	8.03	18.71	8.60	10.74	10.76	3.65	11.49	71.98
2	21	9.28	20.52	9.13	11.06	12.34	3.23	11.16	76.72
2	21	10.20	19.51	8.56	11.24	10.76	2.90	11.82	74.99
2	21	9.57	20.66	9.57	12.74	13.74	3.23	11.01	80.52
2	21	9.72	18.98	9.12	11.68	11.42	3.62	11.76	76.30
2	21	10.69	23.40	10.14	12.80	13.16	3.35	11.07	84.61
2	21	7.61	17.73	7.68	11.02	12.02	3.15	11.31	70.52
2	21	8.62	18.23	8.42	11.84	12.24	3.33	11.76	74.44
2	21	10.12	21.45	10.11	11.50	11.90	3.31	11.67	80.06
2	13	9.49	18.57	8.14	11.16	11.02	3.33	10.92	72.63
2	21	8.99	18.89	9.06	11.90	11.84	3.32	11.79	75.79
0	0	8.85	17.98	7.75	9.82	9.96	3.21	10.98	68.58
2	21	9.28	18.76	8.15	11.58	11.18	3.35	11.34	73.64
2	21	9.37	18.48	8.57	11.84	13.72	3.17	11.91	77.06
2	13	10.22	22.07	10.55	13.20	13.56	3.53	11.53	84.71

Merit roll of the midshipmen of the present third class (class of 1934), for

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
281	Weber, John Edmund.....	Washington.....	July 1, 1930	19	10
73	Welch, George Warren.....	Pennsylvania.....	June 18, 1929	19	6
76	Weller, John Francis.....	New York.....	Sept. 27, 1930	18	8
55	Wells, George Calvin.....	Kentucky.....	June 28, 1930	18	4
78	Westholm, Rollin Everton.....	Minnesota.....	June 17, 1930	18	10
i† 519	Whaley, James William.....	Virginia.....	Aug. 4, 1930	19	2
427	Wheeler, Creighton Lambert.....	do.....	June 27, 1930	20	1
284	Wheeler, Robert Edward.....	South Carolina.....	June 13, 1930	18	1
i491	Whip, Homer Robinette.....	Pennsylvania.....	Aug. 26, 1930	19	9
349	Whitaker, Frank Melvin.....	New York.....	June 23, 1930	20	0
196	Whitaker, Reuben Thornton.....	Arkansas.....	July 7, 1930	18	9
259	White, Marshall William.....	Missouri.....	July 14, 1930	19	3
442	Whitehead, Lloyd Howell.....	Mississippi.....	June 17, 1930	19	7
461	Wigfall, George Hollingsworth.....	District of Columbia.....	June 19, 1930	18	8
108	Wilcox, William Menefee.....	Texas.....	July 21, 1930	17	9
*5	Wiley, John Preston.....	Indiana.....	July 7, 1930	16	4
296	Williams, Robert Russell, jr.....	New York.....	July 2, 1930	19	0
60	Wilson, John Murray.....	Indiana.....	June 13, 1930	18	5
z†486½	Winters, Wilbur Robert.....	California.....	June 26, 1929	18	11
w	Wood, Delmont Edward.....	Florida.....	June 19, 1930	18	0
h510	Wood, Edward Bennett.....	Virginia.....	June 27, 1930	19	10
422	Wood, Roger Jerome.....	Michigan.....	June 30, 1930	17	7
425	Woodruff, Jackson Avery.....	Connecticut.....	June 19, 1930	18	7
29½	Woods, Melvin Winton.....	Colorado.....	June 23, 1930	18	3
398	Worthington, Edward Hicks.....	Maryland.....	June 17, 1930	18	3
90	Wright, James Mahan.....	Mississippi.....do.....	.....do.....	17	1
h455	Wright, Philemon Kennard, jr.....	Maryland.....	June 30, 1930	17	4
297	Wygant, Edward Guthrie.....	Oklahoma.....	Aug. 25, 1930	20	2
257	Zeiler, Samuel Francis.....	New York.....	July 21, 1930	17	2
62	Zysk, Stephen.....	do.....	June 30, 1930	18	10

the first year of their academic course, 580 members, June, 1931—Continued

Sea service in practice ships		Engineer- ing and aeronau- tics	Mathe- matics	Electrical engineer- ing and physics	English and his- tory	Lan- guages	Hygiene	Aptitude for serv- ice	Aggre- gate first year
Months	Days	Maximum							
		12	28	12	16	16	4	12	100
2	21	9.05	18.77	8.38	12.76	11.78	3.34	11.97	76.05
2	21	10.58	22.13	10.32	11.46	12.70	3.18	11.85	82.22
2	21	9.57	21.76	10.13	12.24	13.06	3.33	11.94	82.03
2	21	10.14	22.27	9.88	12.52	13.38	3.16	11.70	83.05
2	21	10.25	23.03	9.59	12.12	11.40	3.88	11.64	81.91
2	21	7.82	17.31	7.46	10.78	12.14	2.87	11.37	69.75
2	21	8.44	19.01	8.37	10.92	11.62	3.06	11.40	72.82
2	21	8.34	18.31	8.13	12.84	13.54	3.19	11.67	76.02
2	21	9.20	17.54	8.40	10.58	10.70	2.96	11.61	70.99
2	21	10.14	18.23	8.31	12.16	10.42	3.52	11.70	74.48
2	21	9.25	20.40	8.91	11.90	12.68	3.23	11.46	77.83
2	21	9.21	20.00	8.68	11.40	12.86	3.58	10.68	76.41
2	21	9.06	17.95	8.64	11.32	11.70	3.30	10.50	72.47
2	21	10.34	18.29	7.54	10.54	10.00	3.50	11.76	71.97
2	13	9.73	20.55	8.89	12.96	13.58	3.29	11.88	80.88
2	21	10.58	24.82	10.61	12.68	14.16	3.47	11.82	88.14
2	21	10.40	19.36	8.75	11.70	11.00	3.42	11.19	75.82
2	9	9.22	22.40	9.46	12.92	13.32	3.52	11.94	82.78
0	0	9.44	18.28	7.72	10.66	10.30	3.32	11.40	71.12
0	0	(a)	(a)	(a)	(a)	(a)	3.29	11.67	Inc.
2	21	8.67	17.66	8.02	11.36	10.30	3.09	11.01	70.11
2	21	9.78	18.11	8.02	11.16	10.64	3.33	11.88	72.92
2	21	8.50	18.96	9.15	11.38	11.08	3.24	10.56	72.87
2	9	10.13	24.38	10.92	11.38	13.32	3.13	11.52	84.78
2	21	9.27	18.84	8.19	12.12	10.52	3.45	11.22	73.61
2	21	9.14	20.72	10.03	14.26	11.76	3.80	11.67	81.38
2	21	9.13	17.88	8.20	10.62	10.80	3.50	11.97	72.10
2	21	9.05	19.52	9.03	10.92	12.32	3.19	11.76	75.79
2	21	8.93	18.75	8.54	12.36	13.76	3.08	11.01	76.43
2	21	9.71	21.89	9.47	12.16	14.00	3.49	12.00	82.72

MIDSHIPMEN OF THE FOURTH CLASS

Midshipmen of the fourth class (class of 1935), 603 members

[Letters in italics used opposite names in the following list refer to footnotes at bottom of this list only]

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Abhau, William Conrad	Maryland	June 15, 1931	19	2
Adams, Benjamin Ernest, jr.	North Carolina	June 25, 1931	17	4
Adams, Edward Lawrence <i>b</i>	Virginia	Sept. 21, 1931	19	3
Adams, John Pershing	Rhode Island	June 30, 1931	16	11
Adams, Samuel	Massachusetts	Aug. 10, 1931	19	4
Akers, Frederick William	Indiana	June 16, 1931	20	1
Alexander, Charles Coates	Louisiana	June 19, 1931	19	5
Anderson, Elmer Dean	Iowa	June 29, 1931	19	7
Armstrong, Warren Wilson	Illinois	June 16, 1931	19	4
Atkins, Nevett Brooke	Montana	June 11, 1931	16	11
Atwood, Harry, jr., <i>tb</i>	Illinois	Aug. 25, 1930	19	3
Austin, Marshall Harlan	Oklahoma	June 17, 1931	20	0
Ayers, Louis McClellan	Pennsylvania	June 22, 1931	18	3
Babb, John Herbert, jr. <i>tb</i>	Tennessee	June 19, 1930	18	10
Babb, Richard Edward	Kentucky	July 9, 1931	17	11
Badger, Rodney Jenkins	Utah	June 20, 1931	18	11
Baird, Leonard James <i>b</i>	Iowa	Aug. 24, 1931	20	4
Baker, George Towne	Rhode Island	July 7, 1931	17	9
Baker, Leonard Passano, jr.	do	June 18, 1931	19	7
Bakutis, Fred Edward	Massachusetts	June 16, 1931	18	7
Baldwin, Thomas Appleby	Pennsylvania	June 17, 1931	17	10
Ball, Sheldon Ezra	Vermont	June 18, 1931	19	2
Ballinger, Richard Henry	Texas	June 30, 1931	18	5
Baranowski, John Joseph	Wisconsin	June 16, 1931	17	9
Barleon, John Sherman, jr.	Kentucky	June 11, 1931	17	8
Barnes, William Roy	Iowa	June 15, 1931	18	3
Barrett, Osborn Thurston	Louisiana	June 16, 1931	19	8
Barrows, Frank Lloyd	District of Columbia	June 18, 1931	19	10
Bartlett, Wilson Randolph	Washington	June 17, 1931	18	11
Baskett, Thomas Slack	Missouri	July 14, 1931	17	10
Bassett, Robert Van Rensselaer, jr.	New York	July 7, 1931	18	5
Bates, Charles Joseph	Illinois	June 19, 1931	18	6
Bauer, Louis Hallowell	Pennsylvania	July 9, 1931	19	10
Baum, Ralph Jacob	Kansas	June 15, 1931	18	3
Beacham, Ralph Ritter	Pennsylvania	June 17, 1931	19	2
Beamman, Charles Ross	Illinois	June 18, 1931	19	8
Becker, John Joseph	Virginia	July 16, 1931	18	2
Beggs, Edwin Stanton, jr.	California	June 16, 1931	19	8
Belden, James Mead	New York	July 7, 1931	19	8
Bemis, Edwin Granger	California	June 25, 1931	19	9
Bennett, Bradley Frederick	Connecticut	July 1, 1931	19	10
Bentley, James Alexander	Illinois	June 11, 1931	18	10
Besson, John Henry, jr.	Oregon	June 18, 1931	18	10
Bettens, Warren Joseph	At large (Pres.)	June 11, 1931	18	3
Bierman, Charles Oliver	Ohio	June 30, 1931	17	2
Biesecker, Morris Gawin, <i>tb, rr</i>	Indiana	June 18, 1930	19	2
Bischoff, Richard Andrew	Illinois	June 19, 1931	18	9
Black, Robert Attick	Pennsylvania	July 7, 1931	17	9
Blake, Homer Cornelius, jr.	Oklahoma	June 18, 1931	19	7
Blitch, Fred Ganahl	Georgia	June 12, 1931	18	8
Blohm, Lyle McKenzie, <i>tb</i>	Illinois	June 13, 1930	18	10

Midshipmen of the fourth class (class of 1935), 603 members—Continued

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Blount, Cecil Edward <i>b</i>	North Carolina.....	Aug. 24, 1931	18	8
Bobo, Henry Benson.....	Mississippi.....	June 16, 1931	18	6
Bogusch, Harry Robert, jr.....	Texas.....	June 22, 1931	18	0
Bontier, Albert Marion.....	Missouri.....	June 29, 1931	17	8
Booth, Blake Buckley.....	Massachusetts.....	July 16, 1931	17	3
Borries, Fred, jr.....	Kentucky.....	July 2, 1931	19	6
Bottoms, John Watson.....	Florida.....	June 16, 1931	19	11
Boud, Henry Wallace.....	New Jersey.....	June 17, 1931	18	6
Bowers, William C.....	Illinois.....	June 16, 1931	19	3
Bowker, Albert Heritage.....	Pennsylvania.....	do.....	18	9
Boyle, Peter Frederick <i>tb</i>	Illinois.....	June 27, 1930	19	5
Brandt, John Henry.....	Washington.....	June 18, 1931	18	6
Bridewell, Edward William.....	Arkansas.....	June 11, 1931	19	0
Briggs, Chester Arthur.....	Indiana.....	July 7, 1931	18	1
Bright, Graham Paul.....	Pennsylvania.....	June 17, 1931	18	9
Bristol, Richard Sperry.....	do.....	June 11, 1931	18	8
Brock, Fenelon Aveilhe.....	Maine.....	June 15, 1931	18	0
Brogger, Lloyd Christian.....	Minnesota.....	June 16, 1931	17	11
Brooks, Frederic Wilder.....	New Mexico.....	June 17, 1931	20	1
Browder, Joseph Briggs.....	Tennessee.....	June 29, 1931	18	11
Brown, James Harvey.....	South Dakota.....	June 19, 1931	18	6
Brown, Thomas Ayner.....	Michigan.....	June 22, 1931	18	9
Bryan, Edward Payson 3d.....	New Jersey.....	June 18, 1931	19	10
Bucken, George Bond.....	New York.....	June 17, 1931	18	2
Budd, Romondt.....	New Jersey.....	July 27, 1931	18	9
Burdick, Robert Stewart.....	Kansas.....	June 16, 1931	18	7
Burns, Richard Houghton.....	Minnesota.....	do.....	18	5
Cain, Woodrow Wilson.....	Kentucky.....	June 29, 1931	17	9
Cairnes, George Henry.....	Maryland.....	June 19, 1931	18	11
Caldwell, Turner Foster, jr.....	At large (Pres.).....	June 12, 1931	17	7
Cameron, George Robert.....	Ohio.....	June 25, 1931	17	8
Campbell, Grafton Blair.....	Washington.....	June 16, 1931	19	3
Carow, Wilmer Stewart <i>tb, r</i>	Wisconsin.....	June 30, 1930	19	11
Carpenter, Stephen Wriston.....	North Carolina.....	June 17, 1931	19	6
Carson, Edward Bruce.....	Illinois.....	June 11, 1931	18	10
Carter, Clark Randolph <i>b</i>	California.....	Aug. 24, 1931	19	10
Childs, Colvin Burr, jr.....	Illinois.....	July 7, 1931	20	0
Chipman, Briscoe.....	Massachusetts.....	June 16, 1931	17	10
Christian, Charles David, jr.....	Mississippi.....	June 17, 1931	17	11
Christie, Gerald Louis.....	Montana.....	July 9, 1931	19	6
Church, Merton Elbridge.....	Indiana.....	June 16, 1931	19	5
Claggett, Bladen Dulany.....	Virginia.....	June 17, 1931	18	6
Clark, James Seerley.....	Iowa.....	June 16, 1931	18	8
Clark, William Chapin.....	do.....	do.....	18	5
Clay, Donald Noble.....	Pennsylvania.....	June 12, 1931	17	10
Clayton, Marvin Clyde.....	Kentucky.....	June 18, 1931	19	11
Clegg, Glenn William.....	Utah.....	July 7, 1931	20	1
Clift, Giles Denham.....	Michigan.....	June 19, 1931	19	5
Cline, John Burnett.....	Illinois.....	June 15, 1931	19	0
Cochran, Dale Eugene <i>b</i>	Nebraska.....	Aug. 24, 1931	20	4
Coffin, Howard Cecil.....	Kansas.....	June 15, 1931	17	9
Cole, Cyrus Churchill.....	California.....	July 13, 1931	17	11
Conkey, George Lissant.....	Missouri.....	June 16, 1931	18	3
Consolvo, Charles Willard.....	North Carolina.....	July 2, 1931	19	8
Cooke, Alexander.....	Arkansas.....	June 11, 1931	19	0
Cosgrove, John Joseph, jr.....	Rhode Island.....	June 18, 1931	18	1
Cotten, John Henderson <i>b</i>	North Carolina.....	Aug. 24, 1931	18	2

Midshipmen of the fourth class (class of 1935), 603 members—Continued

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Cown, Julian Blanchard <i>tb</i>	Georgia.....	June 16, 1930	18	6
Cox, Ray.....	Wisconsin.....	June 23, 1931	16	5
Crawford, George Alvin.....	Iowa.....	June 16, 1931	19	4
Crosby, John Barnes.....	New York.....	June 17, 1931	17	3
Crowther, James White.....	Massachusetts.....	June 29, 1931	19	2
Culhane, Thomas Anslem, jr.....	California.....	June 18, 1931	17	4
Cullen, John Edward, jr.....	Maryland.....	July 7, 1931	20	0
Cummins, Thomas Davis.....	At large (Pres.).....	June 11, 1931	18	0
Curtis, John Okell.....	Pennsylvania.....	June 16, 1931	18	4
Cushman, Robert Everton, jr.....	Minnesota.....	June 17, 1931	16	6
Cutter, Slade Deville.....	Illinois.....	June 15, 1931	19	6
Darwin, Fred Arrants.....	Tennessee.....	June 18, 1931	18	1
Davis, George Elliott, jr.....	New York.....	June 20, 1931	17	7
Davis, Joel Archibald, jr.....	do.....	June 30, 1931	17	1
Davis, Leonard Kier.....	Illinois.....	June 23, 1931	18	0
Decker, Arthur Turn.....	Pennsylvania.....	July 6, 1931	19	6
Decker, Stiles Morrow, jr.....	Texas.....	June 17, 1931	17	9
Denby, Edwin, jr. <i>tb</i>	Michigan.....	July 8, 1930	18	1
Denney, Edward Francis.....	New York.....	July 27, 1931	18	3
Denny, Leo Clyde, jr.....	Mississippi.....	July 3, 1931	18	11
Detweiler, Louis Mitchell.....	Illinois.....	June 15, 1931	18	10
Dillen, Roscoe Franklin, jr.....	Indiana.....	June 26, 1931	17	4
Dinwiddie, Alva Wright.....	Missouri.....	June 17, 1931	17	1
Dodge, Sherwood Higby.....	Wyoming.....	June 18, 1931	18	5
Doll, Raymond Englebert.....	Rhode Island.....	July 9, 1931	17	3
Donohue, Daniel James.....	Montana.....	June 18, 1931	19	9
Dornin, Robert Edson.....	California.....	June 11, 1931	18	5
Dorsey, Elmer Thomas.....	Colorado.....	June 29, 1931	19	7
Doster, George Parrish.....	Georgia.....	do.....	17	2
Dougherty, Joseph Edward.....	Pennsylvania.....	July 8, 1931	18	3
Doukas, Nicholas George.....	Maine.....	June 25, 1931	19	1
Downing, John Gregory.....	Minnesota.....	June 17, 1931	17	10
Dowsett, Frederick Richard.....	Michigan.....	June 16, 1931	19	8
Dunkle, Bernard Edward.....	Illinois.....	June 19, 1931	19	11
East, Walter J, jr.....	Indiana.....	June 16, 1931	17	7
Edge, Lawrence Lott.....	Georgia.....	June 11, 1931	18	7
Edmands, Allan Christie.....	Massachusetts.....	June 17, 1931	20	0
Eggers, Maynard Woodrow.....	South Dakota.....	June 18, 1931	18	3
Eichmann, John Holbrook.....	Idaho.....	June 16, 1931	18	0
Ely, Arthur Vincent.....	Pennsylvania.....	July 9, 1931	19	4
Emmer, Robert Joseph.....	Texas.....	June 17, 1931	19	11
Emmons, Harold Leonard, jr.....	Maine.....	June 16, 1931	19	0
Ennis, John Matthew.....	Iowa.....	July 7, 1931	18	6
Eppes, James Bancroft, jr.....	Georgia.....	June 11, 1931	18	4
Eppes, Marion Henry.....	Alabama.....	do.....	19	0
Erskine, Donald Wallace.....	Massachusetts.....	June 16, 1931	20	1
Eslick, Mark, jr. <i>tb</i>	Tennessee.....	June 19, 1930	19	1
Evans, William Thomas <i>tb</i>	do.....	June 23, 1930	19	2
Ewald, Christian Leonard.....	Minnesota.....	June 16, 1931	18	8
Fadem, Charles.....	Missouri.....	June 17, 1931	18	3
Farrell, Richard Marvin.....	New York.....	June 23, 1931	19	3
Farrow, Benjamin Darwin <i>r</i>	Texas.....	June 16, 1931	18	6
Fee, John Jerome.....	Rhode Island.....	July 9, 1931	17	9
Ferguson, Jack Cates.....	Texas.....	June 18, 1931	17	11
Finnigan, Oliver Davis, jr.....	Pennsylvania.....	do.....	17	9
Fite, William Conyers, jr.....	Nevada.....	June 17, 1931	18	8
Fitzgerald, Maurice Frederick.....	Wisconsin.....	June 18, 1931	18	11
Fitzpatrick, James Francis, jr. <i>b</i>	New York.....	Aug. 24, 1931	19	8

Midshipmen of the fourth class (class of 1935), 603 members—Continued

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Flachsenhar, John Jay	Minnesota	June 29, 1931	17	1
Fletcher, John Stuart	California	June 16, 1931	19	11
Fluckey, Eugene Bennett	Illinois	June 17, 1931	17	8
Foot, John Joseph	New York	June 11, 1931	16	10
Foster, Clifford Gordon	Oklahoma	June 17, 1931	19	8
Foster, Clifford Smith jr.	Virginia	June 19, 1931	17	1
Foster, Robert Coleman, jr.	Texas	June 18, 1931	18	6
Foust, Charles Edward	Tennessee	June 23, 1931	17	10
Francis, William Joseph, jr.	West Virginia	June 30, 1931	17	8
Franks, Daniel Wells	Georgia	June 11, 1931	18	11
Freeman, Mason Behr	Illinois	July 27, 1931	17	6
Freeman, Ross Edmunston b.	South Carolina	Aug. 24, 1931	19	6
Fuller, Arthur Stanley	Maryland	June 17, 1931	18	5
Fuller, George Stewart	Virginia	June 30, 1931	18	11
Gabbert, John Sterett Crittenden.	Kentucky	July 7, 1931	19	7
Gadrow, Victor Marvin	Rhode Island	June 17, 1931	18	1
Gage, Norman Dwight	New Hampshire	June 15, 1931	18	11
Gaillard, William Edward	New York	July 4, 1931	19	1
Gallagher, John Francis Philbin.	Delaware	June 19, 1931	18	0
Gambacorta, Francis Michael	Massachusetts	June 24, 1931	18	0
Gardner, Earle Grace, jr.	Alabama	July 27, 1931	18	3
Gay, Jesse Bishop, jr.	At large (Pres.)	June 12, 1931	16	4
Gayler, Noel Arthur Meredyth	do	do	16	6
Gearing, Henry Chalfant, 3d b.	Pennsylvania	Aug. 26, 1931	19	0
Germershausen, William Joseph, jr.	Maryland	June 18, 1931	19	11
Gerwick, John Day	Ohio	June 22, 1931	18	4
Gibson, Edward Banks, jr.	North Carolina	June 11, 1931	17	2
Giesser, Arthur Arlo	California	June 22, 1931	19	2
Gillmer, Thomas Charles b.	Ohio	Aug. 24, 1931	20	1
Gilmore, Durward Wilson	Missouri	June 17, 1931	19	6
Gimber, Stephen Henry	Pennsylvania	do	18	3
Goldberg, Herschel Joseph	Missouri	June 16, 1931	18	1
Good, George Devereaux	Indiana	June 22, 1931	18	2
Gorham, Alonzo Dumay tb.	North Carolina	June 18, 1930	18	1
Gowell, Gerald Elbert	Michigan	June 15, 1931	20	0
Grady, John Edward	New York	do	18	0
Green, Daniel Benton	Michigan	June 16, 1931	19	11
Gris, Robert Maurice tb.	New York	June 17, 1930	18	9
Gruger, John Narberth	Washington	July 7, 1931	18	1
Gruner, William Philip, jr.	Missouri	Aug. 24, 1931	17	11
Guest, William Selman	Georgia	July 2, 1931	18	0
Hack, John Adrian	Ohio	June 17, 1931	18	1
Hale, Richard Benton	Texas	June 18, 1931	18	9
Hansen, James Richard	Indiana	June 20, 1931	18	3
Harden, Hubert Boyd	Nebraska	June 16, 1931	19	7
Harlfinger, Frederick Joseph, 2d.	New York	July 9, 1931	17	10
Harmer, Richard Emerson	Washington	June 17, 1931	19	7
Harper, Isaac Thomas	Texas	June 25, 1931	18	8
Harper, Thaddeus Stevens, jr. tb.	Missouri	June 17, 1929	19	2
Harrell, Dewitt Allen	North Carolina	June 17, 1931	18	8
Hartman, Frank Edward tb.	Colorado	June 27, 1930	20	2
Harvard, Fountain Eugene tb.	Georgia	June 16, 1930	18	6
Hatcher, Martin Teaford	Virginia	June 17, 1931	18	4

Midshipmen of the fourth class (class of 1935), 603 members—Continued

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Hathaway, Amos Townsend	California	June 16, 1931	17	6
Hattan, Mark	Tennessee	July 15, 1931	18	2
Hauck, Philip Frederick	New York	June 16, 1931	17	10
Hazzard, William Hockett	California	June 17, 1931	18	10
Headland, Edwin Harvey	North Dakota	July 15, 1931	19	8
Heath, John Andrew	Illinois	June 17, 1931	18	8
Hedgecock, Leonard Ward <i>tb</i>	California	Sept. 18, 1930	20	5
Hemphill, Bruce Tillman	Mississippi	July 13, 1931	19	0
Hendricks, Gordon Eugene	Michigan	July 7, 1931	17	10
Henley, Malcolm Eugene	Tennessee	June 17, 1931	19	3
Henry, Thomas Henry	Alabama	June 16, 1931	18	0
Henry, Walter Franklin	Missouri	June 20, 1931	19	7
Herold, Frank Beverly	do	June 22, 1931	19	1
Hess, Franklin Grant	California	June 12, 1931	19	9
Heurlin, Lennart Robert	Massachusetts	July 9, 1931	17	6
Hickey, Dermott Vincent	Pennsylvania	June 17, 1931	19	5
Higginbotham, Grover Stanley	Virginia	July 1, 1931	16	6
Hilger, Ted Adair	Texas	June 19, 1931	18	9
Hill, Lucien Aubrey	Alabama	June 12, 1931	18	10
Hinckley, Robert Messinger, jr.	Minnesota	June 24, 1931	17	9
Hines, Duncan Ludlow	Kentucky	June 15, 1931	18	10
Hinxman, Chester Eugene	Massachusetts	June 17, 1931	19	2
Hird, Louis Rittenhouse	At large (Pres.)	June 11, 1931	17	10
Holmes, Merlyn Donald	Minnesota	June 29, 1931	17	3
Holmes, Robert Henderson	New York	June 17, 1931	18	2
Holmshaw, Harry Fred, jr.	Nevada	do	18	0
Hood, Clark Alexander, jr.	Texas	June 18, 1931	18	10
Hoover, Charles David	Pennsylvania	June 17, 1931	18	4
Hopiak, Alfred Arthur	New York	do	20	2
Howe, Robert Edwin	P. A. 348 (Pres.)	June 30, 1931	18	11
Howell, Parker McClure	California	June 18, 1931	19	1
Hughes, Richard Donald	Kansas	June 17, 1931	19	9
Hunt, Richard Clayton <i>tb</i>	Alabama	June 16, 1930	18	10
Hunter, John Charles	Pennsylvania	June 17, 1931	19	9
Hunter, Percival, jr. <i>tb, r</i>	Illinois	July 29, 1929	19	10
Husband, Alexander Chapman	New York	July 18, 1931	17	4
Hutchinson, George	Massachusetts	June 15, 1931	19	3
Hyland, William Walker	do	July 2, 1931	17	3
Ingersoll, Albert Converse, jr.	Ohio	June 16, 1931	18	2
Irving, Ronald Karl	New York	July 18, 1931	18	11
Isberg, Albert Leonard	Wisconsin	June 17, 1931	19	10
Islev-Petersen, Harold Jens	California	July 13, 1931	19	4
Jack, Richard Gordon	Ohio	June 16, 1931	17	6
Jackson, Robert Woods	Wisconsin	June 18, 1931	17	5
Jackson, William Gauss, jr.	Illinois	June 16, 1931	18	10
Jay, John LaVerne	Wisconsin	June 25, 1931	19	0
Jennings, Carter Brooke	At large (Pres.)	June 11, 1931	18	9
Johansson, Karl Erik	Illinois	June 18, 1931	20	1
Johnston, Arnold Ford	do	June 16, 1931	18	8
Johnston, James Lamont	Kentucky	June 29, 1931	17	8
Jordan, Enoch Pope, jr., <i>b</i>	Georgia	Aug. 24, 1931	19	3
Jordan, Harry Philip, jr.	Texas	June 18, 1931	19	1
Jordy, Jules James	Louisiana	June 12, 1931	17	8
Kaigler, David, jr.	Alabama	June 25, 1931	17	9
Kail, Robert Belden	Ohio	June 19, 1931	19	6
Karaberis, Constantine Arthur	New Hampshire	July 7, 1931	18	11
Kayser, James Kenneth	Montana	June 18, 1931	19	2

Midshipmen of the fourth class (class of 1935), 603 members—Continued

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Kear, Carleton Romig, jr.----	Virginia-----	Aug. 25, 1931	16	7
Keats, Edgar Salo-----	Illinois-----	June 11, 1931	16	4
Keithly, Roger Myers-----	Missouri-----	June 16, 1931	19	9
Kelly, Paul William-----	Ohio-----	July 18, 1931	20	1
Kelly, Robert Bolling-----	Connecticut-----	July 16, 1931	18	1
Kilroy, John Palmer-----	Illinois-----	June 15, 1931	18	9
Kimmel, Manning Marius-----	Kentucky-----	June 16, 1931	18	2
Kinsley, Frederic William-----	New Jersey-----	June 29, 1931	18	2
Kintz, Harry Ira-----	Colorado-----	June 22, 1931	18	10
Kirkpatrick, Raleigh Crittenden, jr.-----	Louisiana-----	June 16, 1931	17	3
Klein, Doven-----	Nevada-----	June 11, 1931	17	3
Klinker, Roy Craig-----	California-----	June 19, 1931	19	0
Knapper, John Kelley-----	Pennsylvania-----	June 17, 1931	17	10
Knight, Page-----	Wisconsin-----	July 7, 1931	19	4
Knowles, Henry Paine, jr.-----	At large (Pres.)-----	June 11, 1931	18	5
Kunkle, Robert Delos-----	Indiana-----	July 13, 1931	18	3
Kyser, James Benjamin-----	Alabama-----	June 16, 1931	18	8
Laird, Horace Christopher, jr.-----	Virginia-----	June 18, 1931	18	6
Lambert, George Solon-----	Louisiana-----	do-----	19	0
Lamkin, Fletcher McCarty-----	Alabama-----	July 2, 1931	16	4
Langlois, Clement Edward-----	do-----	June 18, 1931	19	6
Langston, Charles Bonham-----	Iowa-----	June 16, 1931	19	11
Larsen, Harold Henry-----	New Jersey-----	July 7, 1931	19	11
Laster, Carl Abram-----	Arkansas-----	June 12, 1931	19	5
Lederer, William Julius, jr.-----	New York-----	June 18, 1931	19	3
Lee, George Russell-----	Kentucky-----	June 15, 1931	18	10
Lee, Holman, jr.-----	Missouri-----	June 19, 1931	17	10
Lee, John Marshall-----	Utah-----	June 22, 1931	16	8
Leeper, Marshall Rutan-----	Oregon-----	June 18, 1931	19	11
Leming, Edward Rozier-----	Missouri-----	June 17, 1931	18	7
Lewis, Harrison Raymond, jr., tb.-----	Massachusetts-----	June 12, 1930	18	5
Lewis, Jack Adams-----	Texas-----	June 17, 1931	18	7
Lewis, John Richard-----	West Virginia-----	June 20, 1931	18	7
Lipski, Stanley Walter-----	Massachusetts-----	July 18, 1931	19	10
Little, John Grubbs, 3d-----	New York-----	June 18, 1931	17	11
Lloyd, Weldon Harrison, tb.-----	North Carolina-----	June 18, 1930	19	10
Lockwood, Randolph Scott-----	Kansas-----	July 6, 1931	18	4
Lofland, John Henry, jr.-----	New York-----	June 17, 1931	17	3
Loomis, Sam Colby, jr.-----	Illinois-----	June 15, 1931	19	1
Lyle, Joseph Melvin-----	Georgia-----	June 18, 1931	19	0
Lynch, Richard Barr-----	Alabama-----	July 8, 1931	16	11
Lyndon, Dennis Charles-----	Kansas-----	June 29, 1931	17	7
MacArthur, Malcolm-----	At large (Pres.)-----	do-----	16	7
Maher, Francis Xavier-----	South Dakota-----	July 27, 1931	18	0
Maki, Thomas Robert-----	Indiana-----	July 2, 1931	19	3
Mandelkorn, Robert Simon-----	Illinois-----	July 7, 1931	17	9
Mann, John Frederick-----	Pennsylvania-----	July 3, 1931	19	3
Marcus, Groome Evans, jr.-----	Delaware-----	June 11, 1931	17	7
Marks, Robert Wallace, jr.-----	Arkansas-----	June 24, 1931	17	7
Mathas, Constantine Charles-----	New York-----	June 15, 1931	18	1
Matthews, Frederick Richard-----	Massachusetts-----	June 18, 1931	19	9
Maurer, John Howard-----	District of Columbia-----	do-----	19	2
McCallum, James Lowell Page-----	Missouri-----	June 17, 1931	19	4
McCann, Irving Goff, jr.-----	Wyoming-----	June 11, 1931	17	9
McCarthy, Charles Henry, jr.-----	Massachusetts-----	July 16, 1931	19	1
McClintock, David Hayward-----	Michigan-----	June 15, 1931	19	4

Midshipmen of the fourth class (class of 1935), 603 members—Continued

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
McCormick, John Webster----	Mississippi-----	June 16, 1931	17	11
McCroskey, Clyde Hopkins, jr.-----	Arkansas-----	June 24, 1931	18	9
McDonald, Harold Wood-----	Alabama-----	June 12, 1931	20	2
McDonald, Jasper Newton, jr.-----	Georgia-----	June 16, 1931	18	1
McElroy, Rhodam Yarrott, jr.-----	Kentucky-----	June 23, 1931	16	10
McEntee, Girard Lindsley, jr. b.-----	New York-----	Sept. 24, 1931	20	1
McFadden, James Francis-----	Illinois-----	June 11, 1931	18	8
McGill, William Neil tb-----	Nevada-----	June 17, 1930	19	6
McGowan, Richard b-----	Montana-----	Aug. 24, 1931	18	10
McGrath, Thomas Dana b-----	Illinois-----	Sept. 24, 1931	18	10
McIntire, Harrison Perry-----	Maine-----	July 8, 1931	20	1
McKee, Kenneth Henry b-----	Ohio-----	Aug. 24, 1931	20	3
McKenzie, Charles Vandervere-----	Illinois-----	June 18, 1931	18	7
McKusick, George Ayers-----	Minnesota-----	do-----	18	10
McLaren, William Fleming-----	Alabama-----	June 29, 1931	19	6
McLaughlin, Robert Bright-----	Rhode Island-----	June 17, 1931	18	7
McLean, Edward Carnes-----	Minnesota-----	June 20, 1931	18	11
McLeod, William Fisher-----	Tennessee-----	June 19, 1931	18	6
McManus, William Angell-----	Massachusetts-----	do-----	18	9
McQuary, Charles Virgil-----	Missouri-----	June 16, 1931	19	9
McQuilkin, John Howard-----	Maryland-----	July 7, 1931	17	11
Mecklenburg, Herman John-----	At large (Pres.)-----	July 1, 1931	19	9
Medley, Beverly McKennie-----	Tennessee-----	June 18, 1931	18	9
Mericle, David Woodson-----	Ohio-----	do-----	20	1
Messner, Arthur William, jr-----	California-----	June 19, 1931	19	5
Metcalf, Charles Max-----	Ohio-----	June 25, 1931	18	1
Metcalf, Ralph Marion-----	Illinois-----	do-----	18	0
Meyer, Norman Harry-----	Minnesota-----	July 1, 1931	17	10
Michel, Edward Andrew, jr-----	New York-----	June 17, 1931	18	8
Middleton, John Robert, jr-----	Idaho-----	do-----	19	0
Miller, John Montgomery-----	Pennsylvania-----	do-----	17	8
Millett, John Raymond-----	Massachusetts-----	June 16, 1931	19	5
Mills, George Hardwick, jr-----	Louisiana-----	June 15, 1931	18	4
Mills, Louis Howard-----	Kansas-----	July 2, 1931	18	11
Mini, James Haile-----	California-----	June 11, 1931	18	4
Montross, Keats Edmund-----	Michigan-----	July 7, 1931	19	2
Moody, Alton B-----	California-----	June 30, 1931	19	11
Moody, Dwight Lyman-----	Kentucky-----	June 25, 1931	19	3
Mooney, John Frederick, jr-----	Pennsylvania-----	June 16, 1931	18	4
Mooney, Walter Laurence-----	Connecticut-----	do-----	17	10
Moore, Walter Addison, jr-----	Texas-----	June 18, 1931	19	1
Morrison, William Fisher-----	Illinois-----	do-----	18	3
Morse, Kirtland-----	New Jersey-----	June 16, 1931	19	3
Morton, Robert Cameron-----	New Hampshire-----	June 19, 1931	18	7
Muller, Henry Leger-----	New Jersey-----	June 11, 1931	18	0
Murdock, John Foulon-----	Kentucky-----	July 9, 1931	18	6
Murphy, Charles Herbert Stephen-----	Massachusetts-----	Aug. 10, 1931	19	4
Musick, Kenneth Floyd-----	Oklahoma-----	July 2, 1931	18	5
Nash, David-----	New Jersey-----	Aug. 10, 1931	16	10
Needham, Roger Everett-----	Massachusetts-----	June 20, 1931	18	2
Neely, William Lockheart-----	Georgia-----	June 22, 1931	17	8
Nelson, Wallace Martin-----	North Dakota-----	June 16, 1931	19	3
Newcomb, Arnold Houghton-----	Connecticut-----	June 25, 1931	19	6
Neyman, Clinton Andrew, jr-----	Indiana-----	June 16, 1931	18	1
Nibbs, Alan McLeod-----	New York-----	July 7, 1931	18	8
Nicholson, Roscoe Fisher-----	Indiana-----	June 16, 1931	18	10

Midshipmen of the fourth class (class of 1935), 603 members—Continued

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Nixdorff, Samuel	New York	June 11, 1931	18	1
Nordan, James Harold	North Carolina	June 17, 1931	19	11
North, James Robert	Maryland	June 18, 1931	20	1
Nowell, Byron Horne	Utah	June 16, 1931	18	2
Noyes, Harry Floyd, jr.	Georgia	June 11, 1931	17	5
Oakley, Thomas Richard	Pennsylvania	June 18, 1931	18	7
O'Connell, George Albert, jr.	Kansas	June 29, 1931	17	10
O'Handley, John Grenville	New York	July 1, 1931	17	11
Oliver, John Leslie b.	Missouri	Aug. 27, 1931	19	7
Oliver, Warren Eugene	Arkansas	June 11, 1931	17	10
O'Neill, Bernard Andrew tb.	Maryland	July 21, 1930	18	11
Orr, William Paynter 3d.	Delaware	June 16, 1931	20	0
Osborn, Edgar George	California	June 18, 1931	18	7
Ostergren, Norman Millard	Montana	do.	18	7
Outlaw, Edward Cobb	North Carolina	June 17, 1931	16	9
Packard, Wyman Howard	Massachusetts	July 7, 1931	19	7
Paddock, Alton Edwin	New York	do.	17	7
Paradis, Lionel de l'Etoile	New Hampshire	June 18, 1931	18	4
Paradiso, Anthony Charles	Pennsylvania	June 19, 1931	20	0
Paret, Richard Starr	New York	June 17, 1931	18	1
Pargas, Rafael	Philippine Islands	Aug. 10, 1931	17	10
Parker, Edwin Byron, jr.	California	June 11, 1931	19	11
Parker, Haswell	do.	June 19, 1931	19	3
Parker, Jefferson David	Texas	June 18, 1931	18	10
Parker, William Elbridge	Washington	July 16, 1931	18	4
Parrish, Raymond Maurice	Massachusetts	do.	19	1
Parry, Lincoln Vaughn	Indiana	June 17, 1931	19	0
Patterson, Darius Whitmer	do.	June 16, 1931	19	10
Patterson, Frank Harmon, jr.	Connecticut	July 6, 1931	19	0
Paul, Duane Myron	Iowa	June 16, 1931	19	2
Payne, John Walker, jr.	Missouri	Aug. 17, 1931	19	2
Penland, Joe Robert	North Carolina	June 19, 1931	19	8
Pennebaker, Edwin Preston, jr.	California	June 16, 1931	20	1
Peppard, Marcus Ramon, jr.	New York	do.	19	0
Petrie, Clarence Walker tb.	North Carolina	June 27, 1930	19	9
Petrovic, William Francis	Ohio	June 15, 1931	18	5
Phillip, George, jr.	South Dakota	June 18, 1931	19	2
Phillips, Frederick Neill, jr.	West Virginia	Sept. 15, 1931	18	4
Phillips, Robert Alonzo	Virginia	June 18, 1931	18	6
Phinney, John Howard	Oklahoma	June 17, 1931	18	8
Pierce, Horace Abhue, jr.	West Virginia	do.	17	8
Pike, Joseph William, jr b.	North Carolina	Aug. 24, 1931	20	0
Plichta, Joseph Phillip	Wisconsin	June 20, 1931	19	4
Poulos, Nicholas Diogenes	Kentucky	July 2, 1931	17	10
Powell, George Livingstone	California	June 19, 1931	19	3
Powell, Ralph Emerson, jr.	Pennsylvania	June 22, 1931	19	9
Powell, William Talmadge, jr.	Virginia	June 23, 1931	18	8
Power, Reginald Carroll tb.	Kentucky	July 21, 1930	18	5
Powers, John James	New York	July 7, 1931	19	0
Prickett, Robert Henry	New Jersey	June 19, 1931	19	11
Probasco, John Tilghman	do.	June 22, 1931	18	5
Pulk, Eugene Storar	Massachusetts	June 16, 1931	19	9
Purdy, Arthur Montgomery	Connecticut	June 20, 1931	18	2
Purdy, Richard Hubbard	Florida	June 12, 1931	17	3
Quinn, James Francis, jr. b.	Indiana	Sept. 21, 1931	19	9
Radeliffe, Melvin Ernest	Nevada	June 20, 1931	18	8
Ramey, Ralph Lester	Kentucky	June 19, 1931	20	0

Midshipmen of the fourth class (class of 1935), 603 members—Continued

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Ramirez de Arellano, Marion Frederic.	Porto Rico-----	July 21, 1931	17	11
Ramsey, Frederick Augustus, jr.	At large (Pres.)-----	June 11, 1931	18	6
Rankin, Bolton Simms-----	Texas-----	Sept. 3, 1931	19	5
Reed, Ericsson-----	Pennsylvania-----	July 11, 1931	19	1
Reel, Owen Earle-----	Kansas-----	June 15, 1931	20	2
Reich, Eli Thomas-----	New York-----	June 17, 1931	18	3
Reifenrath, Wilson Gartley-----	Montana-----	do-----	20	1
Reniers, James Hunter, jr-----	Pennsylvania-----	June 17, 1931	19	10
Rhymes, Cassius Douglas, jr-----	Mississippi-----	June 25, 1931	19	2
Rice, Tolbert Alexander <i>b</i> -----	Alabama-----	Aug. 24, 1931	19	5
Richards, Lynn Griffith-----	Utah-----	June 29, 1931	17	8
Ricketts, Milton Ernest-----	Maryland-----	July 18, 1931	17	11
Riera, Robert Emmett-----	Florida-----	June 15, 1931	18	7
Riewe, Eugene Victor-----	Wisconsin-----	June 18, 1931	18	10
Ring, Edward Patrick <i>tb</i> -----	Connecticut-----	June 20, 1930	18	5
Ritter, Frank Thornton, jr-----	New Jersey-----	June 17, 1931	18	0
Rives, Hugh, jr-----	Arkansas-----	June 12, 1931	18	5
Robertson, Douglas Henry-----	Michigan-----	June 23, 1931	20	3
Robertson, Edward Dunbar-----	Virginia-----	June 20, 1931	18	5
Robuck, Edmund Ralph <i>tb, r</i> -----	California-----	June 26, 1930	19	7
Rodier, Gilbert LaCoste, jr-----	District of Columbia-----	June 18, 1931	19	10
Rose, Francis Rhea-----	Texas-----	June 19, 1931	19	11
Rosenberg, Leslie Edward-----	Illinois-----	June 11, 1931	18	3
Ross, Bruce Percy-----	New York-----	June 17, 1931	19	1
Rossell, William Trent, jr-----	do-----	June 25, 1931	19	1
Roth, Kenneth George-----	Missouri-----	June 17, 1931	19	7
Ruehlow, Stanley Erdman-----	Wisconsin-----	June 19, 1931	19	6
Rush, Samuel Opdyke, jr. <i>tb</i> -----	North Carolina-----	June 24, 1930	19	1
Rutherford, Perry Goyne-----	Oregon-----	June 17, 1931	20	0
Ryan, William Joseph-----	Pennsylvania-----	June 29, 1931	17	2
Sadler, Albert Thomas-----	Texas-----	June 18, 1931	18	1
Sampson, William Spoor-----	New York-----	June 17, 1931	18	0
Samuels, William Tindall-----	Maryland-----	June 18, 1931	19	2
Sanger, Kenneth John-----	New York-----	June 17, 1931	17	3
Sarver, Ben William, jr-----	North Dakota-----	do-----	18	10
Scanland, Robert Boyd-----	Ohio-----	June 22, 1931	17	2
Schacht, Kenneth George-----	Washington-----	June 18, 1931	18	0
Schecter, Gordon Eugene-----	Montana-----	June 17, 1931	19	0
Scheibla, Louis Collins <i>b</i> -----	Kentucky-----	Aug. 24, 1931	19	7
Schmidling, Matthew Stelzner-----	New York-----	June 17, 1931	17	8
Schmidt, Louis Edward, jr-----	Ohio-----	July 16, 1931	16	10
Schock, Lewis Lindemuth, jr-----	Pennsylvania-----	June 16, 1931	18	2
Schrader, Frederick Rutherford.	Illinois-----	June 15, 1931	18	3
Schroeder, William Frederick, 3d.	do-----	do-----	18	6
Schutt, Edward Brown-----	Michigan-----	June 19, 1931	18	10
Schwab, Herbert Sidney <i>b</i> -----	New York-----	Aug. 24, 1931	19	6
Scott, Edward Francis-----	Kansas-----	June 15, 1931	20	0
Scott, James, 2d-----	Maryland-----	July 7, 1931	19	1
Sellers, Frank Este, jr-----	Virginia-----	June 18, 1931	17	4
Senif, Howard Zurbuchen-----	New York-----	June 17, 1931	18	11
Settle, Walker Andrew, jr. <i>tb</i> -----	California-----	June 19, 1930	17	6
Seymour, Glenn Edward-----	Georgia-----	June 11, 1931	17	6
Seymour, Jack Murray-----	Pennsylvania-----	June 22, 1931	20	1
Shaffer, John Nevin-----	do-----	June 17, 1931	18	6

Midshipmen of the fourth class (class of 1935), 603 members—Continued

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Sharp, Thomas Frederick	Montana	July 3, 1931	18	9
Sharrocks, Charles Spurgeon <i>tb.</i>	Pennsylvania	July 1, 1930	19	0
Shelburne, Charles Wesley	Missouri	July 14, 1931	19	1
Shellworth, Eugene Whitney	Idaho	June 16, 1931	19	2
Shepard, Evan Tyler	New York	June 25, 1931	17	8
Shepard, John Sullivan	Wisconsin	June 22, 1931	18	9
Sherwood, Stephen	Washington	June 19, 1931	19	8
Shilling, Samuel George	Pennsylvania	July 7, 1931	20	1
Shonerd, Henry Gilbert, jr.	Nevada	June 11, 1931	16	11
Shriver, Thomas Donald	Ohio	June 30, 1931	18	9
Silvey, Eben Hilmer	do	June 17, 1931	18	5
Simoneau, Forrest White	Maine	June 16, 1931	17	2
Sinclair, James Alva	Texas	June 18, 1931	18	9
Sisler, Vincent Ambrose, jr.	Kentucky	June 15, 1931	19	4
Slason, Frank Kane	New York	July 27, 1931	18	2
Smith, Frank McElhany	Kentucky	June 16, 1931	18	4
Smith, John Allen	Georgia	June 19, 1931	18	4
Smith, Lloyd Addison	Florida	do	19	2
Smith, Russell Henry	New York	June 17, 1931	19	0
Smith, William Preston, 3d b.	do	Aug. 24, 1931	19	1
Sneringer, Earl Austin	Pennsylvania	June 18, 1931	19	3
Snyder, Lloyd Harold, jr.	do	June 25, 1931	18	5
Southerland, James Julien, 2d.	Florida	July 9, 1931	19	8
Spain, Omar Norman, jr.	Virginia	June 18, 1931	18	2
Spencer, Frank Addison	do	June 17, 1931	18	0
Spencer, Samuel Floyd b.	Georgia	Aug. 24, 1931	19	9
Stamps, Roy Kauffman, jr.	California	June 19, 1931	20	0
Stanley, Emory Day, jr.	Nebraska	June 30, 1931	17	10
Steinmetz, Everett Hartwell	New York	June 17, 1931	17	11
Stephenson, Richard Davids, <i>tb.</i>	do	July 14, 1930	17	9
Stevens, John Douglas	Kentucky	June 11, 1931	17	4
Stever, Elbert Miller	New York	June 17, 1931	18	1
Stiesberg, Frederick Max	Arkansas	June 29, 1931	18	9
Stivers, Robert Tyler, jr.	Ohio	June 17, 1931	19	1
Stouffer, Walter Wallace, jr.	Kentucky	do	18	11
Sullivan, William Alfred	New Jersey	June 24, 1931	19	7
Swab, William, jr.	do	June 16, 1931	18	8
Sweeney, Vincent Albert	Minnesota	June 25, 1931	18	9
Talbott, John Edwin, jr.	Iowa	June 12, 1931	19	5
Talerico, Anthony, jr.	New York	June 17, 1931	18	0
Talman, Benjamin Long Edes	Minnesota	do	18	10
Tarantino, Arthur Eli	New York	June 20, 1931	18	8
Taylor, David Wooster, jr.	California	June 15, 1931	19	5
Taylor, LeRoy Thomas	Mississippi	June 16, 1931	18	3
Teall, Archibald Egerton	New Jersey	June 22, 1931	19	11
Theis, John Henry	Ohio	June 16, 1931	17	9
Thomas, Henry Lloyd	Montana	June 17, 1931	18	10
Thomas, John William	Illinois	June 16, 1931	18	7
Thompson, William Calhoun, jr.	Georgia	July 13, 1931	17	10
Thomson, James Waldie	Illinois	Aug. 3, 1931	20	1
Tingle, Charles Thomas	Delaware	June 20, 1931	18	4
Tipton, Henry Clay	Arkansas	June 19, 1931	19	2
Trimble, Robert Boyce	Colorado	June 11, 1931	19	5
Turner, Charles Herman	Georgia	June 24, 1931	19	4
Twiss, Benjamin Rollins r.	New Jersey	June 19, 1931	18	5

Midshipmen of the fourth class (class of 1935), 603 members—Continued

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Van Ness, Donald Owen-----	Missouri-----	June 16, 1931	17	7
Vasey, Robert Carson, jr-----	At large (Pres.)-----	June 12, 1931	17	7
Vestel, Edgar Dudley, jr-----	Florida-----	June 11, 1931	19	6
Veth, Kenneth LeRoy-----	North Dakota-----	June 17, 1931	19	9
Wade, Benjamin Gerber-----	Illinois-----	July 18, 1931	17	8
Walker, Francis David, jr-----	At large (Pres.)-----	June 11, 1931	16	8
Walling, John Franklin-----	Massachusetts-----	June 15, 1931	19	4
Wallis, William Rowland-----	Texas-----	June 17, 1931	18	8
Walseth, Harvey Sanborn-----	South Dakota-----	June 19, 1931	19	6
Walters, Walton Burgess-----	North Carolina-----	June 15, 1931	20	0
Wampler, French, jr-----	Tennessee-----	June 17, 1931	17	9
Ward, Norvell Gardiner-----	Maryland-----	July 27, 1931	18	7
Ward, Robert Elwin McCraner-----	California-----	June 11, 1931	17	4
Ward, Sibley Logan, jr. <i>tb</i> -----	Arkansas-----	June 19, 1930	18	6
Ward, William Gordon-----	Indiana-----	June 16, 1931	18	10
Ward, Wirtner Warren-----	Oklahoma-----	June 17, 1931	19	4
Weaver, Earl Marshall-----	Texas-----	June 18, 1931	18	0
Weed, John Howard-----	Montana-----	June 11, 1931	19	10
Weede, Richard Garfield-----	Kansas-----	June 29, 1931	19	9
Weldon, Albert Roth-----	New York-----	June 16, 1931	18	7
Weller, Samuel Valentine-----	Indiana-----	July 14, 1931	18	9
Wesson, Joseph Hawes-----	Massachusetts-----	July 7, 1931	18	0
West, James Brackenridge <i>b</i> -----	Oklahoma-----	Aug. 24, 1931	20	1
West, Kenneth-----	Massachusetts-----	Aug. 21, 1931	19	3
Westin, Howard Severus-----	Vermont-----	July 7, 1931	18	5
Whaley, James William, <i>b</i> -----	Virginia-----	Sept. 29, 1931	20	4
Wheeler, Frank Knowles-----	Minnesota-----	June 17, 1931	18	8
Blasdel.				
Whitaker, George Thomas, jr-----	North Carolina-----	June 16, 1931	18	8
White, Jerome Butler-----	Tennessee-----	June 29, 1931	18	4
Wideman, William Bomar-----	South Carolina-----	June 18, 1931	18	1
Wilson, J C Gillespie-----	Montana-----	June 17, 1931	19	7
Wilson, Louis Joseph, jr-----	Missouri-----	June 11, 1931	19	0
Winfield, Richard Buckner-----	New York-----	do-----	16	11
Wing, Robert Claude-----	Maine-----	June 16, 1931	18	9
Winters, Theodore Hugh, jr-----	South Carolina-----	June 18, 1931	18	3
Wolfe, James Meek, jr-----	Montana-----	June 17, 1931	18	11
Wood, Burris Doudney, jr-----	Texas-----	June 18, 1931	18	6
Wood, Delmont Edward <i>tb r</i> -----	Florida-----	June 19, 1930	18	0
Wood, Edward Bennett <i>tb</i> -----	Virginia-----	June 27, 1930	19	10
Wood, Firman Edward-----	Missouri-----	June 11, 1931	19	4
Woodward, Barclay Jefferis, 3d-----	Pennsylvania-----	June 30, 1931	19	6
Wordell, Malcolm Taber-----	Massachusetts-----	June 19, 1931	20	1
Wright, Francis Delafield, jr-----	Florida-----	July 13, 1931	18	2
Wright, Harlan Albert-----	New York-----	June 17, 1931	19	5
Wright, Philemon Kennard, jr. <i>tb</i> -----	Maryland-----	June 30, 1930	17	4
Wright, Richard William-----	Washington-----	June 19, 1931	18	10
Wrigley, Dwight Alfred-----	Massachusetts-----	July 18, 1931	16	6
Wulzen, Don Wesley-----	Ohio-----	June 11, 1931	19	5
Yoho, Jud Francis, jr-----	do-----	June 16, 1931	19	6

b Readmitted; date given is date of readmission.

dd Died.

f Dismissed.

r Resigned.

rr Resigned on account of unsatisfactory conduct.

tb Turned back from class of 1934.

SUMMARY OF MIDSHIPMEN AT UNITED STATES
NAVAL ACADEMY AT BEGINNING OF ACADEMIC
YEAR 1931-32 (SEPTEMBER 25, 1931)

First class (class of 1932).....	432
Second class (class of 1933).....	466
Third class (class of 1934).....	528
Fourth class (class of 1935).....	596
Total.....	2,022

127

APPOINTMENTS, DEATHS, RESIGNATIONS, ETC.

September 26, 1930, to September 25, 1931

SUMMARY OF CLASS OF 1931

Membership of graduating class, as shown by merit roll for the 4-year course.....	443
Commissioned ensigns, line.....	357
Commissioned ensigns, Supply Corps.....	11
Commissioned second lieutenants, United States Marine Corps.....	24
Graduated; resignations accepted due to physical disqualifications.....	12
Graduated; voluntarily resigned.....	36
Turned back into next lower class on account of illness.....	2
Filipino; graduated but not commissioned.....	1

Members of the class of 1931 (graduated June 4, 1931) appointed ensigns

[Arranged in order of merit for the completed course. Read first column, then second, etc.]

Tyra, T. D.	Guilbert, E. H.	MacKenzie, G. K., jr.
Veasey, A. C.	Russell, H. B.	Firth, M. W.
Rivero, H., jr.	Foley, J. F.	Williams, G. K.
Anderson, R. K.	Merkle, F. B.	Biglow, J. O.
Reed, A. L.	Brossy, H. E.	Smith, R. K.
Colwell, J. B.	McKee, F. A.	Wulff, J. T.
Prescott, J. G. F.	Ashworth, T., jr.	MacDonald, D. J.
Rogers, T. W.	Robbins, B. A., jr.	Heilig, R. B.
Taylor, R. L.	Greene, T. J.	Kelsey, J. H., jr.
Holtzworth, E. C.	Hooper, E. B.	Stone, G. R.
McAfee, J. S.	Gibson, W. F.	Thomas, W. M.
Romberg, A. K.	Almgren, C. R.	Fabian, R. J.
Greene, G. M.	Ernest, R. N.	Lefavour, W. R.
Gale, W. C.	Hollister, W. W.	Raysbrook, F. G.
Lay, J. T.	Braun, W. B.	Dodson, L. F.
Gadrow, R. E.	Foley, F. J.	Hagberg, O. E.
Dorsett, J. O. F.	Daniels, A. N.	Sharp, A. E., jr.
Payson, H., jr.	Wood, J. M.	Miller, N. M.
Roeder, B. F.	Weatherwax, H. P.	Brown, E. M.
Flynn, J. E.	Elden, R. W.	Janz, C. T.
Pierce, R. A.	Chew, J. L.	Lizberg, C. A.
Moulton, H. D.	Ellis, L. A.	Blessman, E. M.
Betts, S. W.	Tatom, E.	Holden, H. W.
Hatton, G. A.	Schultz, G. F.	Renken, H. A.
Day, E. M.	Jones, A. B., jr.	Ramage, L. P.
Uehling, G. A.	Cummings, D. M.	Mullins, H., jr.
Flaherty, A. I.	Hain, V. R.	Powell, P. G., jr.
Booth, C. T., 2d.	Holmes, M. S.	Volk, L. F.
Needham, R. C.	Lockwood, R. E.	Miner, J. O.
Wright, E. A.	Cullinan, R., jr.	Lewellen, B. E.
Webster, J. A.	Schoeni, W. P.	Kiehlbauch, J. V.

Steffanides, E. F., jr.	Cook, C. O., jr.	Burt, E. V.
Hay, R. R.	Gimber, H. M. S., jr.	Lucas, C. C.
Gurnette, B. L.	Barker, H. D.	Allen, R. W.
Reynolds, J. R. Z.	Ashworth, P. H.	Ellsworth, E. B., jr.
Weir, F. U.	Shoemaker, C. T.	Shields, W. T.
Daniels, D. V.	Madden, G. B.	Wilson, A. H., jr.
Abbott, H. J.	Beebe, R. P.	McCuddy, W. R.
Fellows, J. B., jr.	Brockway, J. H.	Moore, J. R.
Fraser, A. D.	Fitzgerald, J. A.	Hughes, W. C., jr.
Peckham, G. E.	Forbes, L. Q.	O'Toole, J. M.
Theobald, R. A., jr.	Lawrence, S. J.	Huntley, J. D.
Robertson, E. L., jr.	Klein, M. J.	Tucker, A. B., 3d
Hawk, C. V.	Ferguson, E. F.	Gilbert, R. O., jr.
Gray, A. D.	Owens, S. D.	Grant, J. D.
Van Mater, S.	Head, N. M.	Wier, H. R.
Hunter, R. P.	Farquharson, R. B., jr.	Warman, N. E.
Peters, J. M.	Hughes, J. N.	Werts, C. L.
Felton, C. H.	McDonald, E. A.	Gannon, J. W.
Carr, B. L.	McMahon, B. F.	Cone, J. I.
Williams, R. C.	Mothersill, P. W., jr.	Hall, M., jr.
Brooks, C. B., jr.	Crowley, J. D.	Holtz, A. H.
McAllister, F. C., jr.	Chandler, B. A.	McKay, B. M.
Crane, L. O.	Field, B. P., jr.	Stuart, D. A.
Kurtz, T. R., jr.	Smith, J. T.	Bellis, L. J.
Soucek, V. H.	Ghetzler, B.	Jones, R. E. C.
Black, O. F.	Marshall, E. E.	Foster, E. L.
Sisko, W. J.	Ketchum, G. L.	Leverton, J. W., jr.
Castree, J. F.	Nelson, S. E.	Thompson, W. R.
Gaviglio, P. M.	Fahle, R. S.	Jensen, M. J.
Fitzgerald, W. H.	Johnsen, W. H.	Walpole, K. C.
Torgerson, T. A.	Bell, A. C.	Kirkpatrick, J. E.
King, V. A.	Antrim, R. N.	Dempsey, J. C.
Morrow, W. J., jr.	Meola, V. J.	Aldrich, C. W.
Bronson, W.	Young, A. L., jr.	Kirkpatrick, C. E.
Williams, L. W.	Gasterland, C. L.	Hamm, M.
Wilson, A. L.	Hogan, T. W., jr.	Will, P. K.
Sell, C. F.	Johnson, H. T.	Garton, W. M., jr.
Hudson, R. E.	Wilson, G. S.	Corliss, W. G.
Kirkpatrick, C. C.	Thornton, J. T., jr.	Stewart, W. J.
Smith, C. E.	Pancake, L. S.	Copeman, T. H.
Fiala, R. P.	Palmer, C. K.	Wirtz, P. L.
Crane, R. H.	Bailey, W. C.	Crumpacker, J. W.
Steere, R. C.	Howe, C. M., 3d	Weiler, J. B.
Sieglaflf, W. B.	Irons, A. H.	Drake, H. M.
Wilber, D. T.	Williams, H., jr.	Wallace, F. L.
Metsger, A. B.	Cumberledge, A. A.	Hall, N.
Wright, S. B.	Ryon, W. M.	Straub, C. T.
Crommelin, C. L.	Gallaher, W. E.	Shaffer, L. G.
Roessler, A. C.	Vaughn, C. S.	Parham, J. C., jr.
Miles, L. T.	Fitts, W. W.	Vredenburgh, J. B.
Harper, J. F., jr.	Steinke, F. S.	Hoye, F. W.
Anderson, J. S.	Burns, E. S.	Giles, W. J., jr.
Wheland, K. R.	Williams, J. B.	Richardson, A. F.
Putnam, F. R.	Jett, C. M.	Roscoe, D. L., jr.

Hammond, D. T.	Smith, N. E.	Pearce, H. A.
Reese, J. S.	Moses, McD.	Hawkins, C.
King, R. D.	Huff, G. P.	Miller, J. A.
Byng, J. W.	South, J. C., jr.	Porter, S. H.
Wood, L. O.	Crinkley, F. D.	Nolan, R. L., jr.
Hollingsworth, J. C.	Phifer, T. C.	Wickens, J. L.
Evans, E. E.	Bowstrom, R. M.	Brush, F. J.
Swain, J. B.	Woodaman, R. J.	Jung, K. E.
Andrews, R. S.	Yancey, E. W.	Martin, M. T.
Iverson, C.	Peterson, R. W.	Murphy, J. A.
Lyon, H. B.	Cooper, R. W.	O'Connor, M. G.
Black, J. D.	Adair, N., jr.	Myers, H.
Hill, A. J., jr.	Cooke, E. S.	Johnson, W. O.
Smith, A. J.	Mott, C. E.	Copeland, N. C.
Gould, F. G.	Myhre, F. B. T.	Ritchie, C. A.
Alston, A. H., jr.	Motes, J. H., jr.	Cook, L. B.
Peters, F. M., jr.	Todd, D. W.	McKaig, W. V.
Jacobs, R. H.	Nelson, R. H.	Farrington, E. L.
Jones, R. F.	McCracken, R. R.	Woods, W. P.
Lillis, B. C., jr.	Bass, R. H.	Smith, J. E., jr.
Freshour, W. M.	Massey, F.	Molumphy, G. G.
Longton, E. W.	Lytle, E. S., jr.	Norvell, W. C.
Fawcett, J. I.	Brace, F. R.	McCain, J. S., jr.
Payne, T. B.	Hale, H. H.	Cashman, J. D.
Dunn, W. A.	Mackert, R. W.	Freeman, G. F.
O'Brien, J. E.	Morris, D. S.	Allen, E. H.
O'Neill, E. J.	Jones, A. A.	Seidel, H. E., jr.
Myer, J. A.	Stewart, A. P.	Gardiner, J. M.
Cassedy, H.	Becton, F. J.	Davis, D. I.
Beckmann, A. G.	Stafford, A. E.	Davis, J. H.
Bingham, E. M.	Gillette, R. G.	Parsons, W. K.
Gillespie, T. E.	Williamson, F. T.	DeMetropolis, G.
Just, J. F.	Graham, D. S.	Toth, J. C.
Clarke, P. W.	Sampson, R. R.	Morrow, C. A., jr.

Appointed second lieutenants in Marine Corps

Brunelli, A. R.	Shuey, C. H.	Moss, C. R.
Hudson, L. C., jr.	Adams, W. H.	Holcomb, B. T., jr.
Games, E. B.	Cook, J. H., jr.	Wieseman, F. L.
Keller, A. J.	Forney, E. H., jr.	Brown, R. S.
Moore, L. S.	White, J. A.	Cooper, H. C.
Leon, H. S.	Taxis, S. G.	Fojt, R. E.
Brown, N. K.	Dillon, E. J.	Pottinger, W. K.
Jones, C. R.	Larson, H. I.	King, B. W.

Appointed ensigns in Supply Corps

Callaway, P. P.	Tripi, I. N.	Freeberg, S. A.
Mumford, S.	Keithley, C. L.	Trenholme, E. P.
Tenney, J. F.	Wright, W. R.	Moring, W. E.
Cox, M. H.	Kinzie, F. A.	

Deaths

Name and class	Date of death
Kollock, Frederick Nash, jr., class of 1931.....	Dec. 4, 1930
Reader, Joseph Clyde, jr., class of 1932.....	Feb. 5, 1931
Sunkel, Jacob Hermann, jr., class of 1934.....	Mar. 14, 1931

Dismissals

Name and class	Date dismissed
Button, Thomas Byron, class of 1934.....	June 9, 1931

Resignations

Name and class	Date resigned
Acker, William David, jr., class of 1933.....	June 2, 1931
Acquaviva, James, class of 1934.....	Feb. 20, 1931
Adams, Edward Lawrence, class of 1934.....	Sept. 12, 1931
Alberi, Dante Steven, class of 1934.....	Feb. 9, 1931
Anderson, Charles Edison, class of 1931.....	June 4, 1931
Aymett, Julian Graves, class of 1933.....	Apr. 13, 1931
Baird, Leonard James, class of 1934 <i>b</i>	Feb. 9, 1931
Barlow, Max Edward, class of 1934.....	Apr. 18, 1931
Barr, Clark Heimark, class of 1932.....	Aug. 6, 1931
Bater, Harold, class of 1931.....	June 4, 1931
Bauer, Dale Albert, class of 1931.....	June 4, 1931
Beers, Colwell Edward, class of 1932.....	Sept. 3, 1931
Belcher, Preston Randolph, class of 1933.....	Apr. 13, 1931
Berthold, Kenneth Carmel, class of 1931.....	June 4, 1931
Bex, Lloyd James, class of 1934.....	Nov. 17, 1930
Biesecker, Morris Gawin, class of 1935.....	Sept. 17, 1931
Bitterman, David Eugene, class of 1933.....	Oct. 10, 1930
Blakely, John Siler, class of 1934.....	June 2, 1931
Blount, Cecil Edward, class of 1934 <i>b</i>	Feb. 9, 1931
Bogardus, Burton Willard, class of 1934.....	May 25, 1931
Bollinger, Walter Henry William, class of 1933.....	May 29, 1931
Bond, Frederick William, jr., class of 1932.....	May 29, 1931
Bradman, Frederic Cushing, class of 1931.....	Oct. 6, 1930
Braught, Charles Franklin, class of 1931.....	June 4, 1931
Breedon, Albert William, 2d, class of 1933.....	Feb. 9, 1931
Breyer, Edward Aaron, class of 1934.....	Feb. 2, 1931
Bromer, Frederic Prizer, class of 1934.....	Apr. 13, 1931
Broughton, William Frederick, 3d, class of 1934.....	Mar. 11, 1931
Brown, Stanley August, class of 1934.....	Feb. 9, 1931
Broyles, Ned Butler, class of 1934.....	Apr. 13, 1931
Buchholz, Gustavus William, jr., class of 1931.....	June 4, 1931
Buckalew, Meriwether Walker, class of 1934.....	Feb. 9, 1931
Buess, William Gerard, class of 1934.....	Sept. 12, 1931
Butterfield, Albert William, class of 1931.....	June 4, 1931
Carow, Wilmer Stewart, class of 1935.....	July 3, 1931
Carson, Mather Arthur, class of 1934.....	Feb. 9, 1931
Carter, Clark Randolph, class of 1934 <i>b</i>	Feb. 18, 1931
Champe, Joseph Elbert, class of 1933.....	May 29, 1931
Child, Harris Petrikin, class of 1931.....	June 4, 1931
Clopton, James Malvern, class of 1934.....	Feb. 9, 1931
Cochran, Dale Eugene, class of 1934 <i>b</i>	Apr. 27, 1931
Cole, Everett Bush, class of 1933.....	June 2, 1931
Coleman, Earl Stanley, class of 1932.....	May 6, 1931
Conley, William Joseph, class of 1933.....	Feb. 9, 1931

Name and class	Date resigned
Cotten, John Henderson, class of 1934 <i>b</i>	June 2, 1931
Craven, Conrad Winfield, class of 1934.....	May 18, 1931
Croghan, John Alvin, class of 1933.....	June 2, 1931
Cygon, John Armstrong, class of 1933.....	Nov. 29, 1930
Daigle, Raymond Joseph, class of 1934.....	Feb. 9, 1931
Day, Carl Albert, class of 1931.....	June 4, 1931
De Young, Henry George, class of 1931.....	June 4, 1931
Dorner, Edward Paul, class of 1930.....	Nov. 26, 1930
Dorschner, Reginald Anton, class of 1934.....	Oct. 21, 1930
Easton, Willard Arnold, class of 1933.....	Feb. 9, 1931
Eberhardt, Joseph, class of 1933.....	Feb. 9, 1931
Eberle, Jean Frank, class of 1934.....	Feb. 24, 1931
Ede, Alfred Louis, class of 1934.....	Sept. 12, 1931
Edwards, Milton Frank, class of 1934.....	Dec. 17, 1930
Engel, Edmund Lyford, class of 1931.....	June 4, 1931
Engelhardt, Egon Paul, class of 1931.....	June 4, 1931
Farrow, Benjamin Darwin, class of 1935.....	July 3, 1931
Ferrill, Homer Edwin, class of 1931.....	June 4, 1931
Fink, George Rickards, class of 1932.....	Sept. 3, 1931
Fitch, Robert Atwood, class of 1931.....	June 4, 1931
Fitzpatrick, James Francis, jr., class of 1934 <i>b</i>	Mar. 20, 1931
Foley, Charles Leslie, class of 1934.....	Feb. 9, 1931
Foley, William Joseph, class of 1934.....	Feb. 7, 1931
Forde, George Stephen John, class of 1931.....	June 4, 1931
Fowlkes, Edward Taylor, class of 1934.....	June 2, 1931
Francis, Harry Grover, class of 1932.....	May 29, 1931
Freeman, Ross Edmunston, class of 1934 <i>b</i>	May 23, 1931
Frost, John Bennett, class of 1934.....	Feb. 9, 1931
Gallery, Joseph Daniel, class of 1933.....	May 29, 1931
Gearing, Henry Chalfant, 3d, class of 1934 <i>b</i>	Feb. 9, 1931
Gillmer, Thomas Charles, class of 1934 <i>b</i>	Feb. 9, 1931
Goff, Marvin Edwin, class of 1934.....	June 2, 1931
Graham, Luther Boyd, class of 1933.....	Feb. 16, 1931
Gray, Hugh Douglas, class of 1931.....	June 4, 1931
Gray, Robert Lawrence, class of 1931.....	June 4, 1931
Greathouse, John Furman, class of 1931.....	Apr. 4, 1931
Gregory, Archie Leroy, class of 1934.....	Oct. 21, 1930
Griffin, Harold John, class of 1934.....	Feb. 9, 1931
Grinstead, Loren, class of 1931.....	June 4, 1931
Hagemeister, Bruce Frederick, class of 1933.....	Feb. 3, 1931
Hammond, Clement James, class of 1934.....	Apr. 6, 1931
Hastings, Richard Ellis, class of 1934.....	May 29, 1931
Hibschman, Maurice Wilhelm, class of 1931.....	June 20, 1931
Hight, John Milton, class of 1934.....	July 23, 1931
Hitchcock, Charles, class of 1932.....	Apr. 13, 1931
Hobbs, June Page, class of 1934.....	Sept. 12, 1931
Holladay, Douglas Stockton, class of 1934.....	June 6, 1931
Hunter, Percival, jr., class of 1935.....	Sept. 14, 1931
Hunter, William Adair, jr., class of 1931.....	June 4, 1931
Janz, Eugene, class of 1932.....	Feb. 9, 1931
Jenkins, Robert John, class of 1933.....	Feb. 6, 1931
Johnson, Herbert Toben, class of 1934.....	Apr. 13, 1931
Jordan, Enoch Pope, jr., class of 1934 <i>b</i>	Jan. 20, 1931
Kearney, Charles Chace, class of 1934.....	Feb. 9, 1931

Name and class	Date resigned
Kenney, John Frusher, class of 1934	Feb. 9, 1931
Kerr, Frank Ingalls, class of 1932	Feb. 9, 1931
Keyes, Franklin George, class of 1932	Oct. 3, 1930
Kilhefner, Albert Edward, class of 1934	Feb. 9, 1931
Krueger, Douglas Lawrence, class of 1934	Dec. 1, 1930
Kunkle, George Owen, class of 1931	June 4, 1931
Langdon, Richard Henry, class of 1931	June 4, 1931
LeClerq, Norman Charles, class of 1934	Feb. 9, 1931
Lemons, Jack, class of 1934	June 2, 1931
Lenhart, Thomas Burt, class of 1934	Apr. 13, 1931
Lief, Sam Albert, class of 1931	June 4, 1931
Lindblad, Theodore Harrison, class of 1934	Apr. 13, 1931
Lunsford, John Edgar, class of 1933	Oct. 23, 1930
Malayter, John Stephen, class of 1933	Feb. 9, 1931
Maloney, John Laurence, class of 1931	June 4, 1931
Mannix, Daniel Pratt, 4th, class of 1934	Jan. 6, 1931
Martineau, Paul William, class of 1933	Feb. 9, 1931
Massingill, Russell Lawton, class of 1931	June 4, 1931
Mathews, Jerry Antle, jr., class of 1931	June 4, 1931
Maxwell, Thomas Lawson, class of 1933	Feb. 9, 1931
Mayers, Vaden Raymond, class of 1934	Nov. 17, 1930
McCall, George Edward, class of 1934	Nov. 13, 1930
McCormick, Aloysius Elliott, jr., class of 1934	Sept. 12, 1931
McCracken, James Dudley, class of 1931	June 4, 1931
McEntee, Girard Lindsley, jr., class of 1934	Sept. 12, 1931
McFarlane, Douglas James, class of 1931	June 20, 1931
McGoff, John Edward, class of 1934	Sept. 12, 1931
McGowan, Richard, class of 1934 ^b	Feb. 24, 1931
McGrath, Thomas Dana, class of 1934	Sept. 12, 1931
McKee, Kenneth Henry, class of 1934 ^b	Apr. 13, 1931
McKinney, Charles William, class of 1931	June 4, 1931
McManus, George Boles, class of 1931	June 4, 1931
Meriwether, Daniel Fleming, class of 1934	Jan. 10, 1931
Miller, William Irvin, jr., class of 1933	Feb. 9, 1931
Moeller, Henry George, class of 1931	June 4, 1931
Montgomery, William Penn, jr., class of 1932	Sept. 27, 1930
Mowery, William Garfield, jr., class of 1934	Jan. 7, 1931
Muirhead, Gavin Lawrence, class of 1933	Feb. 9, 1931
Murphy, Frank James, class of 1934	June 2, 1931
Nelson, Samuel Tyler, jr., class of 1931	Jan. 22, 1931
Newsom, Jack, class of 1934	Jan. 14, 1931
Nixon, Eugene Blair, class of 1934	Apr. 25, 1931
Okerlund, Ray Forest, class of 1934	Oct. 23, 1930
Oliver, John Leslie, class of 1934 ^b	Feb. 9, 1931
Papp, Zoltan, class of 1934	Feb. 9, 1931
Parker, Robert Elmer, class of 1931	June 4, 1931
Parks, John Robert, class of 1932	Sept. 3, 1931
Peacock, Harold Herman, class of 1934	Feb. 9, 1931
Peterson, Frank James, class of 1933	Feb. 6, 1931
Phoenix, Albert Joseph, class of 1934	Feb. 9, 1931
Pihl, Royal Pearson, class of 1933	May 29, 1931
Pike, Joseph William, jr., class of 1933 ^b	Feb. 9, 1931
Powell, George Neff, class of 1931	June 4, 1931

Name and class	Date resigned
Powell, James Wade, class of 1934.....	Apr. 20, 1931
Pratt, Richard Turner, jr., class of 1934.....	Feb. 9, 1931
Prentice, Joseph Rollin, class of 1934.....	Sept. 12, 1931
Pryor, James Chambers, jr., class of 1934.....	Feb. 9, 1931
Quilter, Edward Simon, class of 1931.....	June 4, 1931
Quinn, James Francis, jr., class of 1934.....	Sept. 12, 1931
Railsback, Edward Forrest, class of 1931.....	June 4, 1931
Rice, Tolbert Alexander, class of 1934 <i>b</i>	Apr. 13, 1931
Robinson, Richard Stevens, class of 1934.....	Sept. 12, 1931
Robuck, Edmund Ralph, class of 1935.....	Sept. 17, 1931
Rooney, George Arthur, class of 1932.....	Sept. 12, 1931
Sanns, Nickolas James, class of 1931.....	June 4, 1931
Saunders, Theodore Sheppard, class of 1934.....	Sept. 12, 1931
Schafer, Charles Edward, class of 1933.....	Feb. 2, 1931
Scheibla, Louis Collins, class of 1934 <i>b</i>	Feb. 9, 1931
Schreiber, William Henry, class of 1934.....	June 2, 1931
Schwab, Herbert Sidney, class of 1933 <i>b</i>	Mar. 20, 1931
Schweitzer, Earl Snowden, class of 1932.....	Sept. 3, 1931
Scrivner, Frank Herman, class of 1931.....	June 4, 1931
Seager, John Wesley, jr., class of 1932.....	Jan. 31, 1931
Shunk, Robert Frederick, class of 1934.....	Feb. 9, 1931
Sinclair, Francis Mead, class of 1933.....	Apr. 13, 1931
Slater, Stanley John, class of 1931.....	June 4, 1931
Smith, Charles Earle, jr., class of 1934.....	Mar. 9, 1931
Smith, Howard Elmer, class of 1932.....	Jan. 31, 1931
Smith, William Preston, class of 1934 <i>b</i>	Apr. 13, 1931
Snow, John Lawrence, class of 1931.....	June 4, 1931
Soell, John Block, class of 1934.....	Feb. 9, 1931
Spencer, Samuel Floyd, class of 1933 <i>b</i>	Feb. 9, 1931
Stauffer, Jack Bellamy, class of 1931.....	June 4, 1931
Steele, Marcus Goldaine, class of 1931.....	June 4, 1931
Stevenson, Lewis Marion, class of 1933.....	May 29, 1931
Stone, Thomas Benjamin, class of 1934.....	Feb. 9, 1931
Stromback, Philip Christian, class of 1931.....	June 4, 1931
Stunkard, McClellan Ferguson, jr., class of 1934.....	Sept. 12, 1931
Styne, Dwight Evan, class of 1933.....	Feb. 9, 1931
Sweat, George Carroll, class of 1934.....	Jan. 26, 1931
Swisher, Leonzo Nelson, class of 1931.....	Jan. 22, 1931
Thorne, James Burl, class of 1934.....	Feb. 9, 1931
Todd, Kenneth Stanley, class of 1932.....	Feb. 7, 1931
Twiss, Benjamin Rollins, class of 1935.....	Sept. 24, 1931
Tyler, Willoughby Bartlett, class of 1934.....	Apr. 18, 1931
Wackwitz, Donald Newnan, class of 1931.....	June 4, 1931
Waldron, Frederick Joseph, class of 1933.....	Jan. 21, 1931
Weaver, Donald Andrew, class of 1932.....	Feb. 2, 1931
Weldon, James Joseph, class of 1934.....	Feb. 9, 1931
West, James Brackenridge, class of 1934 <i>b</i>	Feb. 3, 1931
Whaley, James William, class of 1934.....	Sept. 12, 1931
Whip, Homer Robinette, class of 1934.....	Sept. 12, 1931
White, Robb, III, class of 1931.....	June 4, 1931
Wiggs, Robert Jackson, jr., class of 1933.....	Apr. 13, 1931
Wilbur, Robert Milton, class of 1931.....	June 4, 1931
Willson, John Joseph, class of 1932.....	Feb. 20, 1931

Name and class	Date resigned
Winders, Kline Calvin, class of 1934.....	Oct. 27, 1930
Winters, Wilbur Robert, class of 1934.....	May 25, 1931
Wright, Douglas Gordon, jr., class of 1931.....	June 4, 1931
Wright, Frederick Williston, jr., class of 1931.....	June 4, 1931
Zuntag, Alexander Andrew, class of 1931.....	June 4, 1931

Retained in next lower class

Name	Date turned back
Allen, Russell Bowes, class of 1933 to class of 1934.....	May 29, 1931
Atwood, Harry, jr., class of 1934 to class of 1935.....	May 29, 1931
Babb, John Herbert, jr., class of 1934 to class of 1935.....	May 29, 1931
Barlow, Max Edward, class of 1933 to class of 1934 <i>r</i>	Apr. 8, 1931
Barr, Clark Heimark, class of 1931 to class of 1932 <i>r</i>	May 29, 1931
Biesecker, Morris Gawin, class of 1934 to class of 1935 <i>r</i>	May 29, 1931
Blohm, Lyle McKenzie, class of 1934 to class of 1935.....	Sept. 9, 1931
Bogardus, Burton Willard, class of 1933 to class of 1934 <i>r</i>	Apr. 8, 1931
Bolles, Frank Crandall, jr., class of 1933 to class of 1934.....	Apr. 8, 1931
Boyle, Peter Frederick, class of 1934 to class of 1935.....	May 29, 1931
Bronson, Frederick Schaffer, class of 1932 to class of 1933.....	May 29, 1931
Bunevich, Irving, class of 1933 to class of 1934.....	Apr. 8, 1931
Carow, Wilmer Stewart, class of 1934 to class of 1935.....	May 29, 1931
Cown, Julian Blanchard, class of 1934 to class of 1935.....	Sept. 9, 1931
Craven, Conrad Winfield, class of 1933 to class of 1934 <i>r</i>	Apr. 8, 1931
Denby, Edwin, jr., class of 1934 to class of 1935.....	May 29, 1931
Driver, Orvil Leonard, class of 1933 to class of 1934.....	May 29, 1931
Ellison, James McMechan, jr., class of 1933 to class of 1934.....	May 29, 1931
Eslick, Mark, jr., class of 1934 to class of 1935.....	May 29, 1931
Evans, William Thomas, class of 1934 to class of 1935.....	May 29, 1931
Garth, Craig Ransom, class of 1933 to class of 1934.....	Apr. 8, 1931
Gorham, Alonzo Dumay, class of 1934 to class of 1935.....	Sept. 9, 1931
Gris, Robert Maurice, class of 1934 to class of 1935.....	May 29, 1931
Harper, Thaddeus Stevens, jr., class of 1934 to class of 1935.....	May 29, 1931
Hartman, Frank Edward, class of 1934 to class of 1935.....	Apr. 18, 1931
Harvard, Fountain Eugene, class of 1934 to class of 1935.....	Apr. 18, 1931
Hedgecock, Leonard Ward, class of 1934 to class of 1935.....	May 29, 1931
Hight, John Milton, class of 1933 to class of 1934 <i>r</i>	May 29, 1931
Hunt, Richard Clayton, class of 1934 to class of 1935.....	May 29, 1931
Hunter, Percival, jr., class of 1934 to class of 1935 <i>r</i>	May 29, 1931
Keyser, Charles Hampson, class of 1932 to class of 1933.....	Apr. 8, 1931
Lewis, Harrison Raymond, jr., class of 1934 to class of 1935.....	May 29, 1931
Lloyd, Weldon Harrison, class of 1934 to class of 1935.....	Apr. 1, 1931
McGill, William Neil, class of 1934 to class of 1935.....	Sept. 9, 1931
O'Neil, Bernard Andrew, class of 1934 to class of 1935.....	Sept. 9, 1931
Petrie, Clarence Walker, class of 1934 to class of 1935.....	Sept. 9, 1931
Power, Reginald Carroll, class of 1934 to class of 1935.....	May 29, 1931
Ring, Edward Patrick, class of 1934 to class of 1935.....	Sept. 9, 1931
Robuck, Edmund Ralph, class of 1934 to class of 1935 <i>r</i>	Apr. 8, 1931
Ruble, Harold Eustace, class of 1932 to class of 1933.....	Apr. 8, 1931
Rush, Samuel Opdyke, jr., class of 1934 to class of 1935.....	May 29, 1931
Schall, Thomas Douglas, jr., class of 1932 to class of 1933.....	May 29, 1931
Settle, Walker Andrew, jr., class of 1934 to class of 1935.....	May 29, 1931
Sharrocks, Charles Spurgeon, class of 1934 to class of 1935.....	Sept. 9, 1931
South, Thomas Winfield, 2d, class of 1933 to class of 1934.....	Apr. 8, 1931
Staley, Joseph Jarlathe, class of 1933 to class of 1934.....	Apr. 8, 1931
Stephenson, Richard Davids, class of 1934 to class of 1935.....	May 29, 1931

Name	Date turned back
Thorn, William Alvah, class of 1931 to class of 1932-----	May 29, 1931
Travis, Franklin Karl, class of 1933 to class of 1934-----	May 29, 1931
Ward, Sibley Logan, jr., class of 1934 to class of 1935-----	May 29, 1931
White, John Duke, class of 1933 to class of 1934-----	May 29, 1931
Winters, Wilbur Robert, class of 1933 to class of 1934 ^r -----	Apr. 8, 1931
Wood, Delmont Edward, class of 1934 to class of 1935-----	May 29, 1931
Wood, Edward Bennett, class of 1934 to class of 1935-----	Sept. 9, 1931
Wright, Philemon Kennard, jr., class of 1934 to class of 1935----	Sept. 9, 1931

^b Readmitted with class of 1935.

^r Later resigned.

SUMMER SCHEDULE, SECOND CLASS, 1931

Condensed summer schedule, 1931, for midshipmen of second class

[Detailed sample month (one of three) for First Company]

Day	Platoon	First week, June 8 to 12, inclusive				Second week, June 15 to 19, inclusive				Third week, June 22 to 26, inclusive				Fourth week, June 29 to July 3, inclusive				Time summary (1 platoon for 3 months)		
		Departments of {Seamanship and flight tactics Navigation Electrical engineering and physics				Departments of {Engineering and aeronautics Electrical engineering and physics				Departments of {Engineering and aeronautics Electrical engineering and physics				Departments of {Executive Ordnance and gunnery Electrical engineering and physics						
		First	Second	Third	Fourth	First	Second	Third	Fourth	First	Second	Third	Fourth	First	Second	Third	Fourth			
		7.50-8.25	8.30-9.45	9.50-11.05	11.10-11.40	7.50-8.25	8.30-9.45	9.50-11.05	11.10-11.40	7.50-8.25	8.30-9.45	9.50-11.05	11.10-11.40	7.50-8.25	8.30-9.45	9.50-11.05	11.10-11.40	Department	Hours	Instruction or drill
Monday-----	1	{Squad A. Flight		Secure-----	Radio-----		Boilers-----		Radio-----	Test stand-----				Range gunnery-----				{Seamanship and flight tactics-----	{10½	Indoctrination and preparation for flight.
	2	{Squad B. Radio	Reina dock	Flight-----			Auxiliary machinery-----	do-----	Radio-----	Engine overhaul-----		Duty-----								
	3	do-----	Electrical engineering and physics-----				Engines-----	do-----	do-----	Structure and rigging-----		{Electrical engineering and physics-----		Radio-----						
Tuesday-----	1	{Squad A. Flight		Secure-----	Radio-----		Boilers-----		do-----	Test stand-----				Range gunnery-----				{Ordnance and gunnery-----	26	Range gunnery.
	2	{Squad B. Radio	Reina dock	Flight-----			Auxiliary machinery-----	do-----	Radio-----	Engine overhaul-----		Duty-----								
	3	do-----	Electrical engineering and physics-----				Engines-----	do-----	do-----	Structure and rigging-----		{Electrical engineering and physics-----		Radio-----						
Wednesday-----	1	{Squad A. Flight		Secure-----	Radio-----		Boilers-----		do-----	Test stand-----				Range gunnery-----				{Navigation-----	20½	Practical navigation.
	2	{Squad B. Radio	Reina dock	Flight-----			Auxiliary machinery-----	do-----	Radio-----	Engine overhaul-----		Duty-----								
	3	do-----	Electrical engineering and physics-----				Engines-----	do-----	do-----	Structure and rigging-----		{Electrical engineering and physics-----		Radio-----						
Thursday-----	1	do-----	Navigation-----				Boilers-----		do-----	Test stand-----				Range gunnery-----				{Engineering and aeronautics-----	{26 20½ 20½ 20½ 20½	Test stand. Structure and rigging. Engine overhaul. Boilers. Auxiliary machinery. Engines.
	2	{Squad A. Flight		Secure-----	Radio-----		Auxiliary machinery-----	do-----	Radio-----	Engine overhaul-----		Duty-----								
	3	{Squad B. Radio	Reina dock	Flight-----			Engines-----	do-----	do-----	Structure and rigging-----		{Electrical engineering and physics-----		Radio-----						
Friday-----	1	do-----	Navigation-----				Boilers-----		do-----	Test stand-----				Range gunnery-----				{Electrical engineering and physics-----	{25 22	Electricity. Radio.
	2	{Squad A. Flight		Secure-----	Radio-----		Auxiliary machinery-----	do-----	Radio-----	Engine overhaul-----		Duty-----								
	3	{Squad B. Radio	Reina dock	Flight-----			Engines-----	do-----	do-----	Structure and rigging-----		{Electrical engineering and physics-----		Radio-----						
Saturday-----	1																{Executive-----	39½	Infantry and inspections.	
	2																			
	3																			
Sunday-----	1																			
	2																			
	3																			

NOTES

- (1) The midshipmen, second class, are divided into four companies of three platoons each for summer schedule.
- (2) This schedule is repeated three times (three months in all), for each company. Platoon instruction is shifted each month so that all midshipmen get the same instruction.
- (3) Flight takes priority over other scheduled exercises, lost time being made up, if necessary, at the expense of other scheduled exercises.
- (4) Afternoon periods, week days; 1.30 to 3.30, continue forenoon assignments, and 3.30, supper, recreation. Saturday, Sunday, and Wednesday afternoons, recreation and liberty.
- (5) All evenings, 8 to 9.30, except Wednesday and Saturday, physical tests, swimming, lectures, reading, and optional activities in rooms. Wednesday and Saturday evenings, liberty.

SECOND CLASS RETAINED FOR AVIATION INSTRUCTION, 1931 137

Alphabetical list of those members of the class of 1933 who were retained at the Naval Academy during the summer of 1931 to undergo practical instruction in aviation and engineering subjects

Abbot, E. W.	Brown, J. O.	Dawes, R. A., jr.
Aiken, W. L., jr.	Brown, M. B.	Dawson, W. L.
Albiston, L. H.	Brownrigg, F. H.	De Maria, M.
Anderson, H. W.	Bruning, F. W.	Denny, J. B.
Anderson, R. R.	Buck, R. G.	Denton, W. T.
Andrews, H. W.	Buie, P. D.	Derickson, R. B., jr.
Anthony, R. Z. T.	Bulkeley, J. D.	Dew, I. L.
Aponick, A. A.	Bullock, J. E.	Dietz, J. S.
Arnold, F. R.	Burks, J. B.	Dillon, J. R.
Ashworth, F. L.	Burrow, J. B.	Dillon, R. J., jr.
Atherton, H. S.	Burton, P. W.	Dolan, F. A.
Authier, E. E.	Caldwell, C. M.	Drake, F. R.
Bailey, J. R.	Camera, R. S.	Drescher, C. G.
Ballard, N. L.	Cameron, W. G.	Drustrup, N. J.
Balterman, G.	Campbell, C. M.	Duff, H. C.
Banzhaf, H. F.	Campbell, E. G.	Duke, P. D.
Barclay, K. J.	Campbell, J. H.	Dunagan, G. L.
Barker, C. S., jr.	Carter, W. T.	Duncan, C. K.
Barnes, S. M.	Chambliss, A. McL.	Duncan, T. A.
Barnum, R. H.	Chase, J. V.	Edwards, A. E.
Barr, J. B.	Cheatham, B. B.	Elder, A. M.
Beam, J. L.	Chilton, E. H.	Elliott, J. M.
Beard, N. W.	Christ, H. F.	Ellis, P. D., jr.
Beard, T. W.	Christie, W. B.	English, R. B.
Bedell, P. F.	Christopher, T. A.	Enright, J. F.
Bellinger, W. C. P., jr.	Clark, A. H.	Ereck, L. H.
Bennett, C. L.	Clark, W. L., jr.	Erwin, W. E., jr.
Bertolet, S.	Clementson, M. K.	Espenas, A. K.
Best, E. C.	Climie, J. F.	Fair, R. E.
Bethea, J. S.	Cobb, J. O.	Ferguson, G. T.
Bewick, J. V.	Coffey, W. A.	Ferguson, J. D.
Beyer, A. F., jr.	Coleman, G. S.	Fernald, F. S.
Bierer, H. T.	Coleman, R. B.	Fielder, C. W.
Bird, H. V.	Connolly, T. F.	Fleischli, C. A.
Black, R. T.	Conwell, L. C.	Foerster, R. S.
Black, T., jr.	Copeland, R. G.	Foote, H. L., jr.
Blackburn, J. T.	Costello, J. P.	Fortune, J. H., jr.
Blakelock, F. L.	Coye, J. S., jr.	Fortune, W. C.
Blatchford, W. L.	Crawford, M. E.	Foster, E. J.
Blick, C. A.	Crenshaw, W. G., 3d.	Fowler, O. N.
Blouin, F. J.	Cronin, P. C.	Fox, H. H., jr.
Bobo, W. S., jr.	Cumming, D. R.	Franklin, J. G.
Bourland, J. H.	Cundiff, C. R.	Fredericks, E. H. C.
Bowen, H. G., jr.	Curtis, R. W.	Fritter, C. T.
Bowen, R. O.	Curtze, C. A.	Fuller, D. W.
Bowling, T. C., jr.	Davenport, E. M.	Fulmer, H. S., jr.
Bowman, M. F.	Davenport, R. M.	Fulton, R. L.
Brittan, T. H.	Davis, D. W., jr.	Funk, W. G.
Bronson, F. S.	Davis, L. M., jr.	Fusselman, R. D.
Brown, E.	Davis, N. B., jr.	Galanitin, I. J.
Brown, F. E.	Davis, R.	Gallagher, R. A.

Gallaher, A. R.	Jones, F. R.	Magnell, A. T.
Gambling, N. W.	Jones, J. E.	Magoffin, R. E.
Gamon, J. A., jr.	Jones, T. A.	Mahoney, M. J.
Garnett, P. W.	Jordan, J. L.	Majewski, L. J.
Garrels, R. E.	Jurika, S., jr.	Mandarich, S.
Garrison, C. F.	Kane, W. R.	Manning, J. I.
Garrott, M. R.	Kastein, J. G.	Marks, L. H.
Gazlay, R. C.	Kauffman, D. L.	Marshall, G. K.
Gibbons, R. M.	Keating, R. A., jr.	Martin, J. L.
Gill, F. B.	Kefauver, R.	Martineau, D. L.
Glenn, E. F.	Keller, C. A., jr.	Masters, J. M.
Gorman, V. D.	Kengla, W. A.	Masterton, P.
Grady, J. B.	Keyser, C. H.	Mathes, S. R.
Grant, C. E.	Kibbe, R. L.	Mayberry, D.
Gregor, G. D.	Kiergan, N. B., jr.	Maynard, H. C.
Grikscheit, H. W.	Kimball, L. P.	McAfee, R.
Grimm, E. E.	King, C. E.	McCampbell, D.
Grubbs, D. C. T., jr.	Kirby, C. C.	McCormack, J. J., jr.
Hahn, H. B.	Klinsmann, G. O.	McCutchan, G. T.
Hanson, M.	Klopp, J. A.	McDougal, D. S.
Happel, F. A.	Koch, G. P.	McEachern, P. T.
Harby, D. B.	Koenig, J. W.	McGoughran, J. C.
Hardman, W. F.	Kuehl, H. F.	McKibbin, H. R.
Harper, R. V.	Kuhn, L. C. V.	McMaster, F.
Harris, E. J.	Lacey, D. O.	McMillan, E. B.
Hartley, K. J.	LaCombe, J. L.	McMullen, D. R.
Hartman, I. S.	Laird, G. H., jr.	McNeill, C.
Haskins, E. D.	Lambert, D.	McNenny, W. J.
Hastings, B. R.	Lane, R.	McRea, R. H.
Hatcher, J. S., jr.	Laughon, W. R.	Meneke, K.
Haworth, K. F.	Leach, R. W.	Metze, A. F.
Hayden, E. B.	Lee, E. P., jr.	Metzger, E. F.
Hayden, R. H.	Lee, L., jr.	Meyer, B. H.
Heath, C. J.	Lehman, J. S.	Militana, S. G.
Heileman, L. F.	Leon, H. L.	Miller, C. L.
Heinz, L. C.	Leverenz, R. F.	Miller, E. S.
Hessel, J. W.	Lindsay, H. M., jr.	Miller, G. H.
Hills, B. C.	Linson, R. G.	Mohan, R. L.
Hird, R. C. H.	List, F. V.	Monroe, H. S.
Howard, E. G.	Long, E. C.	Moore, C. L., jr.
Howard, J. M. B.	Long, T. A.	Moorer, T. H.
Howell, W. S.	Longshore, F. K.	Morgan, C. C.
Hudson, G. K.	Lord, E. E., 3d.	Morgan, J. C.
Hunt, W. A., jr.	Loughlin, C. E.	Morrow, G. M.
Iffrig, F. O.	Lovci, J. C.	Morton, T. H.
Ingels, A. C.	Loveland, K.	Mott, W. C.
Isely, R. H.	Luosey, M. J.	Murphy, G.
Jackson, C. B., jr.	Lyon, T. E.	Nelson, E. R., jr.
Jackson, E. F.	MacDonald, H. A.	Neupert, K. F.
Jacoby, R. B.	Macdonald, W. R.	Neville, L. R.
Jahneke, E. L., jr.	MacIntosh, D. E.	Newton, W. H., jr.
James, F. L., jr.	MacKenzie, M. V.	Norris, T. E.
Jones, A. C.	Macpherson, R. A.	O'Brien, G. D.
Jones, C. B.	Madden, R. B.	O'Connell, T. P.

Ogden, J. R.	Schwartz, F. D.	Thompson, R. W., jr.
Ogle, J. N.	Seagroves, E. E.	Thorn, B. F.
Olsen, R. I.	Searcy, S. S., jr.	Tiedeman, C.
Overton, W. A.	Seipt, W. E.	Tinker, F. G.
Palmer, J. T.	Selby, F. G.	Tinker, M. H.
Pasche, W.	Shafer, W. E.	Titus, J. C.
Pattie, S. H.	Shannon, J.	Todd, A., jr.
Peckson, A.	Shaul, D. R.	Tomamichel, J. J.
Pelling, A. G.	Shea, T. V.	Travis, C. W.
Peters, T. V.	Shelby, E. E.	Tucker, J. F.
Phillips, J. L., jr.	Shellabarger, M. A.	Turnage, T. C., jr.
Pickett, L. R., jr.	Shepherd, A. L.	Turner, V. C.
Poor, R. L.	Sheppard, F. W.	Twigg, D. W.
Porter, W. B.	Sherman, P. K., jr.	Tyler, M. A.
Powell, I. L.	Shifley, R. L.	Tyree, J. A., jr.
Pratt, W. V., 2d.	Shook, K. S.	Unmacht, G. P.
Pray, R. M.	Shuffle, E., jr.	Vaillancourt, M. L.
Price, G. M.	Slater, F. M.	Van Meter, W. J., jr.
Prueher, B. J.	Slayton, M.	Vaughan, J. J.
Purdy, F. W.	Smedley, F. J.	Vogeler, R. A.
Pyle, R. G.	Smith, J. A.	Vogeley, T. R.
Rakow, W. M.	Smith, K. B.	Von Weller, H. J.
Ramee, J.	Snider, L. L.	Von Woglom, L. E.
Raymond, R. M.	Solier, R. H.	Wade, S. S.
Reday, J. Z., jr.	Sowerwine, O. E.	Wagstaff, R. E.
Reedy, J. R.	Spahr, O. W.	Wahlig, F. H.
Rhea, E. S., jr.	Springer, C. N.	Wallace, P. E.
Richards, G. H., jr.	Stahl, P. L.	Walsh, E. C.
Riddell, R. S.	Staley, P. C., jr.	Walsh, J. E., jr.
Robbins, C. B.	Stanley, R. E.	Walsh, J. W.
Roberts, C. T.	Steel, C. L.	Ward, T. H.
Robertson, C. E.	Steinbeck, J. M.	Watkins, R. E.
Robison, C. E.	Stephan, D. R.	Weeks, J. B.
Rockwell, J.	Stephens, M. G.	Weikel, K. F.
Roe, J. W.	Stephenson, G. M.	Weintraub, P. L., jr.
Roullard, G. D.	Stevens, J. P.	Wendelburg, G.
Rowe, H. C.	Stevens, L. M.	Wendt, W. F. A.
Rozea, R. E.	Stewart, J. W.	Wentz, N. J.
Ruble, H. E.	St. Germain, R. J.	White, C. M., jr.
Rucker, E. B.	Stocker, L. J.	White, D. E.
Rumble, H. P.	Strean, B. M.	White, J. W.
Russell, B. L.	Strozier, H. H.	White, L. A.
Ryan, A. F., jr.	Stuart, J. M.	White, R. D.
Samuels, N. T.	Sturr, H. D.	Wiggin, B. E.
Santmyers, S. K.	Styles, R. E.	Williams, J. W., jr.
Sargent, R. N.	Sublette, W. H.	Winston, P. W.
Schade, A. F.	Taylor, Rufus L., jr.	Wright, A. T., jr.
Schmid, H. E.	Tellefsen, C. R.	Wright, G. R.
Schmid, W. A.	Temple, E. A.	Yost, H. C.
Schneider, E. C.	Thomas, M. W.	Zimmerman, R. P.

Second class organization—Summer, 1931

Battalion Commander, Thompson, R. W., jr. (2) Adjutant, Bourland, J. H. (3)
 Sub. Commander, Tinker, M. H. (4) Commissary, Coleman, G. S. (1)

	First Company	Second Company	Third Company	Fourth Company
Company commander.	Martineau, D. L.	Morton, T. H.	Curtze, C. A.	Gallagher, R. A.
Chief petty officer.	Elliott, J. M.	Jahncke, E. L., jr.	Davenport, E. M.	White, R. D.
First platoon commander.	Yost, H. C.	Dietz, J. S.	Kastein, J. G.	Morrow, G. M.
Second platoon commander.	Mayberry, D.	Hardman, W. F.	Denny, J. B.	Laird, G. H., jr.
Third platoon commander.	Wade, S. S.	Rumble, H. P.	Campbell, E. G.	Copeland, R. G.
First platoon mustering petty officer.	Bird, H. V.	Bobo, W. S., jr.	Newton, W. H., jr.	Smith, K. B.
Second platoon mustering petty officer.	Wagstaff, R. E.	Todd, A., jr.	Black, R. T.	Cristopher, T. A.
Third platoon mustering petty officer.	Macpherson, R. A.	Authier, E. E.	Enright, J. F.	Peters, T. V.
First platoon:				
First petty officer.	Kane, W. R.	Tyler, M. A.	Ryan, A. F., jr.	Vogele, T. R.
Do.	Buck, R. G.	Purdy, F. W.	Jones, J. E.	Dillon, J. R.
Do.	Duff, H. C.	Shannon, J.	Pray, R. M.	Ashworth, F. L.
Do.	Kiergan, N. B., jr.	Bedell, P. F.	Shellabarger, M. A.	King, C. E.
Second platoon:				
First petty officer.	Rozea, R. E.	Robertson, C. E.	Bowen, H. G., jr.	Richards, G. H., jr.
Do.	Christie, W. B.	Reedy, J. R.	Madden, R. B.	Hartman, I. S.
Do.	Stewart, J. W.	Santmyers, S. K.	Miller, E. S.	Dawson, W. L.
Do.	Schmid, W. A.	Lord, E. E., 3d.	Fulmer, H. S., jr.	Aiken, W. L., jr.
Third platoon:				
First petty officer.	Rucker, E. B.	Ward, T. H.	McGoughran, J. C.	Stevens, L. M.
Do.	Kibbe, R. L.	Meyer, B. H.	Murphy, G.	Bowman, M. F.
Do.	Koenig, J. W.	Moore, C. L., jr.	Gazlay, R. C.	Duncan, T. A.
Do.	Climie, J. F.	Bowen, R. O.	MacDonald, H. A.	Masters, J. M.

Summer Schedule 1931, for midshipmen of the fourth class

PART I.—ROUTINE FROM JUNE 15 TO AUGUST 15, 1931

Day	Com- pany	Periods				
		First: 8 to 9.30 a. m.	Second: 10 to 11.30 a. m.	Third: 1.30 to 3 p. m.	Fourth: 3.15 to 4.30 p. m.	Fifth: 8 to 9.30 p. m. (note 6)
Monday	1, 3 2, 4	Rifle range	Rifle range	Seamanship	Gymnasium	English (Mahan Hall).
Tuesday	1, 3 2, 4	Infantry	2, gymnasium; 4, English	Engineering and aeronautics	Seamanship	Do.
Wednesday	1, 3 2, 4	do	1, gymnasium; 3, English	do	do	Study (mass singing, note 8).
Thursday	1, 3 2, 4	Rifle range	Rifle range	Seamanship	Gymnasium	Do.
Friday	1, 3 2, 4	do	do	Executive	Recreation	Executive lecture (Recreation Hall).
Saturday	1, 3 2, 4	Infantry	Seamanship	do	do	English (Mahan Hall).
Sunday	1, 3 2, 4	Rifle range	1, English; 3, gymnasium	Engineering and aeronautics	Seamanship	Do.
		Infantry	Rifle range	Seamanship	Gymnasium	Study (mass singing, note 8).
		do	Seamanship	do	do	Do.
		do	2, English; 4, gymnasium	Engineering and aeronautics (note 10).	Seamanship	Motion pictures (Mahan Hall).
		do	Gymnasium (note 9)	Recreation	Recreation	Do.
		do	do	do	do	Study.
		Chapel	Chapel	do	do	Do.
		do	do	do	do	Do.

Summer Schedule 1931, for midshipmen of the fourth class—Continued

PART II.—ROUTINE FROM AUGUST 17 TO AUGUST 29, 1931

Day	Com- pany	Periods				
		First: 8 to 9.30 a. m. (notes 3 and 4)	Second: 10 to 11.30 a. m. (notes 3 and 4)	Third: 1.30 to 3 p. m. (note 4)	Fourth: 3.15 to 4.30 p. m.	Fifth: 8 to 9.30 p. m. (note 6)
Monday	1, 3 2, 4	Rifle range	Rifle range	Engineering and aeronautics	Gymnasium	English (Mahan Hall).
Tuesday	1, 3	Infantry	2, gymnasium; 4, English	do	Seamanship	Do.
	2, 4	do	1, gymnasium; 3, English	do	do	Study (mass singing, note 8).
Wednesday	2, 4	Rifle range (note 2)	Rifle range (note 2)	do	Gymnasium	Do.
	1, 3	Rifle range	Rifle range	Executive	Recreation	Executive lecture (Recreation Hall).
Thursday	2, 4	Infantry	Engineering and aeronautics	do	do	Do.
	1, 3	do	1, English; 3, gymnasium	Engineering and aeronautics	Seamanship	English (Mahan Hall).
Friday	2, 4	Rifle range	Rifle range	Seamanship	Gymnasium	Do.
	1, 3	Infantry	Engineering and aeronautics	do	do	Study (mass singing, note 8).
Saturday	2, 4	do	2, English; 4, gymnasium	Engineering and aeronautics (note 10)	Seamanship	Do.
	1, 3	do	Gymnasium (note 9)	Recreation	Recreation	Motion pictures (Mahan Hall).
Sunday	2, 4	do	do	do	do	Do.
	1, 3	Chapel	Chapel	do	do	Study.
	2, 4	do	do	do	do	Do.

PART III.—ROUTINE FROM AUGUST 31 TO SEPTEMBER 24, 1931

Day	Com- pany	Periods				
		First: 7.50 to 9.45 a. m. (notes 3 and 4)	Second: 9.55 to 11.55 a. m. (notes 3 and 4)	Third: 1.05 to 2.45 p. m. (note 4)	Fourth: 3 to 4.30 p. m.	Fifth: 8 to 9.30 p. m.
Monday	1, 3 2, 4	Engineering and aeronautics. Mathematics	Mathematics. Engineering and aeronautics.	Languages do	Gymnasium do	Study. Do.

Tuesday -----	1, 3 2, 4	Engineering and aeronautics. Mathematics	Mathematics. Engineering and aeronautics. Mathematics	do do do	Seamanship. do Gymnasium	Do. Do. Do.
Wednesday -----	1, 3 2, 4	Infantry do	Mathematics do	do do	do Seamanship	Do. Study (note 7).
Thursday -----	1, 3 2, 4	Engineering and aeronautics. Mathematics	Engineering and aeronautics. Mathematics	do do	do Gymnasium	Do. English (Mahan Hall).
Friday -----	1, 3 2, 4	Engineering and aeronautics. Mathematics	Engineering and aeronautics. Engineering and aeronautics	do do	do Recreation	Do. Motion pictures (Mahan Hall).
Saturday -----	1, 3	Infantry	(note 9).			
	2, 4	do	Chapel	do	do	Do.
Sunday -----	1, 3 2, 4		do	do do	do do	Study. Do.

NOTES

- (1) The fourth-class program changes on August 17 and on August 31. In the Department of Modern Languages the first and third companies study Spanish and German, the second and fourth companies study French and Italian. Assignments to each language on entrance are permanent for the entire course. Assignment of the fourth class to battalions in the regiment for the academic year is made from the company with the corresponding number.
- (2) During week beginning August 24, schedule will be modified in that Tuesday, August 25, first and second periods, will be assigned to infantry for competitive drills; in case of inclement weather, to be postponed day by day until completed.
- (3) During Part III of schedule the first and fourth companies recite first hour of either first or second period until September 14, thereafter the second and third companies recite first hour same period. Companies that recite first hour of second period in mathematics on Monday, Tuesday, Thursday, and Friday march directly from Department of Engineering and Aeronautics to Department of Mathematics. Companies that recite second hour first period in mathematics on Monday, Tuesday, Thursday, and Friday, march directly from Department of Mathematics to Department of Engineering and Aeronautics. The remaining companies march to Bancroft Hall and observe study hours.
- (4) All companies recite the full period in Languages and Engineering and Aeronautics.
- (5) Where a drill involving physical exercise is followed by a recitation period, the officer in charge of the drill will dismiss in sufficient time for a bath and the necessary change of clothing or uniform required for the recitation.
- (6) The fifth period during Part I and Part II when study is scheduled will be utilized by midshipmen in studying U. S. Naval Academy Regulations and Manuals.
- (7) There will be a lecture on Hygiene in Mahan Hall fifth period on September 10.
- (8) Commencing June 30 there will be mass singing Tuesdays and Fridays from 7.40 to 8.30 p. m. until August 25 when the intercompany singing competition will be held.
- (9) The Medical Department will give cowpox vaccination and antityphoid inoculation at 10 a. m. each Saturday to midshipmen not previously inoculated.
- (10) There will be a lecture on Hygiene in Mahan Hall third period on July 31 and August 21.
- (11) The fifth period on Wednesday, August 19, will be assigned to the Department of Modern Languages for the purpose of classifying members of the fourth class into sections for the month of September.

COURSE OF INSTRUCTION, 1931-32

[Reference books are marked *]
FIRST YEAR—FOURTH CLASS
FIRST TERM

Departments	Periods each week	Subjects	Textbooks
ENGINEERING AND AERONAUTICS.	2	Descriptive geometry and mechanical drawing.	Bartlett and Johnson's Engineering Descriptive Geometry and Drawing.
MATHEMATICS.....	5	Solid geometry..... Plane and spherical trigonometry and logarithms.	Hawkes—Luby—Touton. Bullard and Kiernan's Plane and Spherical Trigonometry, Revised. American Practical Navigator,* Bowditch.
ELECTRICAL ENGINEERING AND PHYSICS.	2	Chemistry.....	McPherson and Henderson's Elementary Study of Chemistry. McPherson and Henderson's Exercises in Chemistry. Pamphlet: Dashiell's Problems in Chemistry.
ENGLISH AND HISTORY.....	3	Composition and literature.	Alden and Earle's Makers of Naval Tradition. Alden's Writing and Speaking. Westcott, Lewis, and Weber's Four Centuries of Literature. Webster's Collegiate Dictionary.* Hill's and Ford's First Spanish Course.
MODERN LANGUAGES..... (One half of the class studies Spanish and the other studies French, except one section from each of the first and third battalions studies German, and one section from each of the second and fourth battalions studies Italian.)	3	Spanish.....	Berlitz Spanish with or without a Master.
	3	German.....	Elementary German Grammar: Westselhoeft.
	3	French.....	Fraser and Squair's The New French Grammar. Le Français Pratique (Paul Bercy). First Italian Book (E. H. Wilkins). Russo's Elementary Italian Grammar.
HYGIENE.....	3	Italian.....	Heiner's Physiology, First Aid, and Naval Hygiene.
		Effects of alcohol and narcotics. Naval and military hygiene. First aid to the injured. (First period Saturday mornings, except one a month.)	

SECOND TERM

ENGINEERING AND AERONAUTICS.	2	Descriptive geometry and mechanical drawing.	Bartlett and Johnson's Engineering, Descriptive Geometry and Drawing.
MATHEMATICS.....	6	College algebra..... Introduction to engineering mathematics. Elementary calculus.....	Palmer and Miser's College Algebra. R. K. Morley's Introduction to Engineering Mathematics. Woods and Bailey's Elementary Calculus. Mechanical Engineers' Handbook, by Marks.* American Practical Navigator,* Bowditch. Keuffel and Esser's Log-log Slide Rule, with Instruction Pamphlet.*
ELECTRICAL ENGINEERING AND PHYSICS.	2	Chemistry.....	McPherson and Henderson's Elementary Study of Chemistry. McPherson and Henderson's Exercises in Chemistry. Pamphlet: Dashiell's Problems in Chemistry.
ENGLISH AND HISTORY.....	3	Composition and literature.	Alden's Writing and Speaking. Westcott, Lewis, and Weber's Four Centuries of Literature. Shakespeare's Henry IV: Part I, Othello, and King Lear. Pattee's Century Readings in the American Short Story.
MODERN LANGUAGES..... (One half of the class studies Spanish and the other studies French, except one section from each of the first and third battalions studies German, and one section from each of the second and fourth battalions studies Italian.)	3	Spanish.....	Un Verano en Espana (R. B. Weems).
	3	German.....	Gruss aus Deutschland (Holzwarth).
	3	French.....	Pour Parler Français (Fournon and Broussard).
	3	Italian.....	Simple Italian Lessons (Marioni and Passarelli).

SECOND YEAR—THIRD CLASS

FIRST TERM

Departments	Periods each week	Subjects	Textbooks
ENGINEERING AND AERONAUTICS.	3	{ Engineering drawing.	{ Bartlett and Johnson's Engineering Descriptive Geometry and Drawing.
MATHEMATICS.		{ Navy Department drawings.	
	5	{ Calculus.	{ Woods and Bailey's Elementary Calculus.
		{ Analytic geometry.	
ELECTRICAL ENGINEERING AND PHYSICS. ¹	3-4	Physics.	Mechanical Engineers' Handbook, by Marks.* Keuffel and Esser's Log-log Slide Rule, with Instruction Pamphlet.* Spinney's Textbook of Physics. Department's Physics Manual. Department's Physics Laboratory Manual.
ENGLISH AND HISTORY.	3	Naval history.	Stevens and Westcott's History of Sea Power. Clark, Stevens, Alden, and Krafft's Short History of the United States Navy.
MODERN LANGUAGES.	2	Spanish.	Temas Espanoles (Crawford).
(One half of the class studies Spanish and the other studies French, except one section from each of the first and third battalions studies German and one section from each of the second and fourth battalions studies Italian.)	2	German.	Easy German Composition (Whitney and Stroebe). IrrFahrten (Gerstacker).
	2	French.	Barton and Olmstead, French Composition and Conversation.
	2	Italian.	Fra le Corde d'un Contrabasso (Schobinger & Preston).

SECOND TERM

ENGINEERING AND AERONAUTICS.	3	{ Mechanisms.	{ Baker and Farrell's Principles of the Basic Mechanisms. Ashe and Hale's Engineering Materials and Processes.
MATHEMATICS.		{ Engineering materials and processes.	
	5	{ Mechanics.	{ Elementary Mechanics—Department of Mathematics, U. S. Naval Academy. Mechanical Engineers' Handbook, by Marks.* Keuffel and Esser's Log-log Slide Rule, with Instruction Pamphlet.* Spinney's Textbook of Physics. Department's Physics Manual. Department's Physics Laboratory Manual.
ELECTRICAL ENGINEERING AND PHYSICS.	3-4	Physics.	Dawes' Electrical Engineering, Vol. I. Westcott, Lewis, and Weber's Four Centuries of Literature. Mead's Development of the United States since 1865. Atlantic Monthly (February to May).
ENGLISH AND HISTORY.	3	History of the United States since 1865.	Gil Blas (Padre Isla). Easy German Composition (Whitney and Stroebe). IrrFahrten (Gerstacker).
MODERN LANGUAGES.	2	Spanish.	Le Tour du Monde (Green).
(One half of the class studies Spanish and the other studies French, except one section from each of the first and third battalions studies German, and one section from each of the second and fourth battalions studies Italian.)	2	German.	Logical Method of Learning Italian (A. Sergio).
	2	French.	
	2	Italian.	

¹ Third class has 8 drill periods in December and January, and a like number in February and March devoted to recitations.

COURSE OF INSTRUCTION

THIRD YEAR—SECOND CLASS

FIRST TERM

Departments	Periods each week	Subject	Textbooks
ENGINEERING AND AERONAUTICS.	4	Thermodynamics-----	Ennis' Thermodynamics, Abridged.
MATHEMATICS-----	5	Spherical trigonometry--	Bullard and Kiernan's Plane and Spherical Trigonometry.
		Differential equations---	Phillips. Mechanical Engineers' Handbook, by Marks.* Keuffel and Esser's Polyphase Slide Rule, with Instruction Pamphlet.* Dawes' Electrical Engineering, Vol. I.
ELECTRICAL ENGINEERING AND PHYSICS.	3	Magnetism and electricity (D. C.).	Department's Direct Current Laboratory Manual.
NAVIGATION-----	3	Navigation-----	Elements of Astronomy (Fath). Navigation and Nautical Astronomy (Dutton). American Practical Navigator. Nautical Almanac. Azimuth Tables.* Useful Tables.*
MODERN LANGUAGES-----	1	Spanish-----	Nautical Phrase Book and Reader (Naval Institute).
(One half of the class studies Spanish and the other studies French, except one section from each of the first and third battalions studies German, and one section from each of the second and fourth battalions studies Italian.)	1	German-----	Writing and Speaking German (Pope).
	1	French-----	Nautical Phrase Book and Reader (Naval Institute).
	1	Italian-----	Simple Italian Lessons (Marioni and Passarelli).

SECOND TERM

SEAMANSHIP AND FLIGHT TACTICS.	3	Seamanship-----	Knight's Seamanship. Naval Terms and Definitions.* Signal Books, U. S. Navy.* Communication Instructions, U. S. Navy; and department pamphlet.
		Signal and communication procedure.	U. S. Navy Regulations.
		Regulations-----	Naval Aviation, 1929.
ORDNANCE AND GUNNERY-----	3	Naval aviation-----	Naval Ordnance, 1929.
		Ordnance, Gun Construction.	
		Torpedoes and Mines---	Notes on Torpedoes, Mines, Fire Control, and Battle Efficiency, Part 2.
		Safety Orders-----	U. S. Navy Regulations, 1920.
		Fire Control-----	Notes on Fire Control, Part 1.
NAVIGATION-----	3	Navigation-----	Navigation and Nautical Astronomy (Dutton). American Practical Navigator. Nautical Almanac. Azimuth Tables.* Useful Tables.*
ENGINEERING AND AERONAUTICS.	3	Boilers-----	Department of Engineering and Aeronautics Marine and Naval Boilers, 1929.
		Reciprocating engines---	Bureau of Engineering Manual. Department of Engineering and Aeronautics Naval Reciprocating Engines, 1929.
		Auxiliary machinery----	Department of Engineering and Aeronautics Naval Auxiliary Machinery, 1929.
		Turbines-----	Cox and Libbey's Naval Turbines.
ELECTRICAL ENGINEERING AND PHYSICS.	3	Electricity (D. C. and A. C.).	Dawes' Electrical Engineering, Vol. I and Vol. II.
		Dynamo-electric machines, primary and secondary batteries, searchlights. telephones, etc.	Department's Direct Current Laboratory Manual. Department's Alternating Current Laboratory Manual.
MODERN LANGUAGES-----	1	Spanish-----	Spanish Nautical Phrase Book and Reader. Naval Institute.
(One half of the class studies Spanish and the other studies French, except one section from each of the first and third battalions studies German, and one section from each of the second and fourth battalions studies Italian.)	1	German-----	Writing and speaking German (Pope).
	1	French-----	French Nautical Phrase Book and Reader. Naval Institute.
	1	Italian-----	Simple Italian lessons (Marioni and Passarelli).

FOURTH YEAR—FIRST CLASS

FIRST TERM

Departments	Periods each week	Subjects	Textbooks
SEAMANSHIP AND FLIGHT TACTICS.	3	Seamanship..... Signals..... Military law..... International law.....	Knight's Seamanship. Signal Books, U. S. Navy. Naval Courts and Boards. International Law, Soule and McCauley.
ORDNANCE AND GUNNERY.....	3	Communications (including aircraft communications and procedure). Fire Control..... Interior Ballistics..... Exterior Ballistics.....	Communications Instructions, U. S. Navy. Bureau of Navigation Study Courses. Radioman 3c. Notes on Fire Control, Part I. Naval Ordnance, 1929. Exterior Ballistics, 1930. Range and Ballistic Tables, 1930.
NAVIGATION.....	2	Navigation.....	Navigation and Nautical Astronomy (Dutton). H. O. 203 and 208. American Practical Navigator. Nautical Almanac. Azimuth Tables.* Useful Tables.*
ENGINEERING AND AERONAUTICS.	3	Thermodynamics ¹	Ennis' Thermodynamics, Abridged.
ELECTRICAL ENGINEERING AND PHYSICS.	3	Alternating currents and alternating current machinery.	Dawes' Electrical Engineering, Vol. II. Department's Alternating Current Laboratory Manual.
ENGLISH AND HISTORY.....		After-dinner speaking (Tuesday and Thursday evenings).	
MODERN LANGUAGES..... (One half of the class studies Spanish, the other half French.)	2	Spanish.....	Un Viaje a Sud América (McHale).
	2	French.....	Le Français Oral (Pargment).

SECOND TERM

SEAMANSHIP AND FLIGHT TACTICS.	3	Elementary strategy and tactics.	War college and department pamphlets. Vol. II, U. S. Navy Aviation Ground School Manual.
AVIATION.....		History..... Aerology..... Regulations..... Mooring board.....	Vol. I, U. S. Navy Aviation Ground School Manual. Aviation Training Pamphlet S-25 (Aerology). U. S. Navy Regulations. Pamphlet: Where You Are to Where You Want To Go.
ORDNANCE AND GUNNERY.....	3	Exterior Ballistics..... Fire Control..... Gunnery Instructions..... Aviation Gunnery.....	Exterior Ballistics, 1930. Range and Ballistic Tables, 1930. Notes on Fire Control, Part I. Gunnery Instructions, U. S. Navy. Pensacola Ground School Manual.
NAVIGATION.....	2	Navigation.....	Navigation textbooks same as for first term and Vol. I, U. S. Navy Aviation Ground School Manual, additional.
ENGINEERING AND AERONAUTICS.	3	Turbines..... Internal-combustion engines, and aviation engines.	Cox and Libbey's Naval Turbines. Internal-Combustion Engines (Lind).
ELECTRICAL ENGINEERING AND PHYSICS.	3	Radio.....	Department's Radio Manual. Department's Radio Laboratory Manual.
ENGLISH AND HISTORY.....	2	Modern European history (with lectures). After-dinner speaking (Tuesday and Thursday evenings).	Turner's Europe since 1789.

¹ This subject will be replaced by aircraft construction and naval construction in academic year, 1932-33.

Assignment of time, 1931-32

Departments	First class		Second class		Third class		Fourth class		Summary
	First term	Second term	First term	Second term	First term	Second term	First term	Second term	
Seamanship and flight tactics.....	3	3	(¹)	3	-----	-----	-----	-----	¹ 9 (10)
Ordnance and gunnery.....	3	3	-----	3	-----	-----	-----	-----	9
Navigation.....	2	2	3	3	-----	-----	-----	-----	10
Engineering and aeronautics.....	3	3	4	3	3	3	2	2	23
Mathematics.....	-----	-----	5	-----	5	5	² 5	6	² 26
Electrical engineering and physics.....	3	3	3	3	³ 3	⁴ 3	2	2	³ ⁴ 22 (23)
English and history.....	-----	⁵ 2	-----	-----	3	3	3	3	⁵ 14
Modern languages.....	2	-----	1	1	2	2	3	3	14
Hygiene.....	-----	-----	-----	-----	-----	-----	² 1	-----	1

¹ December and January, 1 period.³ December and January, 4 periods.² Hygiene except once each month for mathematics examination.⁴ February and March, 4 periods.⁵ Friday night lecture.*Coefficients, 1931-32*

Departments	First class		Second class		Third class		Fourth class		Summary
	First term	Second term	First term	Second term	First term	Second term	First term	Second term	
Aptitude for service.....	17		13		7		3		40
Seamanship and flight tactics.....	8	8	-----	6	-----	-----	-----	-----	22
Ordnance and gunnery.....	8	8	-----	6	-----	-----	-----	-----	22
Navigation.....	5	5	6	6	-----	-----	-----	-----	22
Engineering and aeronautics.....	8	8	7	6	3	4	1	2	39
Mathematics.....	-----	-----	10	-----	7	7	3	4	31
Electrical engineering and physics.....	8	8	6	6	4	4	1	2	39
English and history.....	-----	5	-----	-----	4	4	2	2	17
Modern languages.....	4	-----	1	2	3	3	2	2	17
Hygiene.....	-----	-----	-----	-----	-----	-----	1	-----	1
Total.....	100		75		50		25		250

Schedule of Friday night, fifth period, lectures, 1931-32

Date	First class subject	Date	First class subject	Date	First class subject
Oct. 2	Executive.	Mar. 4	English and history.	Apr. 15	English and history.
30	Do.	11	Do.	22	Do.
Jan. 29	Do.	11	Do.	29	Do.
Feb. 5	English and history.	25	Do.	May 6	Executive.
12	Executive.	Apr. 1	Executive.	13	English and history.
19	English and history.	8	English and history.	20	Do.
26	Do.				

Schedule of Saturday morning, first period, recitations for fourth class, first term, 1931-32

Oct. 3	Hygiene.	Nov. 14	Hygiene examination.	Jan. 2	Hygiene.
10	Do.	21	Mathematics examination.	9	Do.
17	Mathematics examination.	28	Hygiene.	16	Hygiene examination.
31	Hygiene.	Dec. 12	Mathematics examination.	23	Mathematics examination.
Nov. 7	Do.			30	Hygiene.

Program of recitations, 1931-32—First term

Day	Class	Battalion	Periods				
			First: 7.50 to 9.54 a. m.	Second: 10.04 a. m. to 12.08 p. m.	Third: 1.10 to 3.14 p. m.	Fourth: 3.27 to 4.30 p. m.	Fifth: 7.45 to 9.30 p. m.
Monday	1	1, 3	E. and A.	Ordnance.	E. E. and P.	Drill	Study.
		4, 2	do.	E. E. and P.	Ordnance.		
	2	1, 3	Mathematics.	Navigation.	E. and A.		
		4, 2	Navigation.	Mathematics.	do. ¹		
Tuesday	3	1, 3	Engl. and Hist.	E. and A.	Mathematics.	do.	Do.
		4, 2	do.	do.	do.		
	4	1, 3	Languages.	Mathematics.	Engl. and Hist.		
		4, 2	Mathematics.	E. E. and P.	Languages.		
Wednesday	1	1, 3	E. E. and P.	Ordnance.	E. and A.	do.	Do.
		4, 2	Ordnance.	S. and F. T.	do.		
	2	1, 3	Mathematics.	E. E. and P.	Languages.		
		4, 2	Navigation.	Mathematics.	do.		
Thursday	3	1, 3	E. and A.	Engl. and Hist.	Mathematics.	Recreation	Do.
		4, 2	do.	E. E. and P.	do.		
	4	1, 3	Engl. and Hist.	Mathematics.	E. E. and P.		
		4, 2	Mathematics.	Languages.	Engl. and Hist.		
Friday	1	1, 3	Languages.	S. and F. T.	E. E. and P.	Drill	Do.
		4, 2	Ordnance.	E. E. and P.	Languages.		
	2	1, 3	Mathematics.	Navigation.	E. and A.		
		4, 2	E. E. and P.	Mathematics.	do.		
Saturday	3	1, 3	do.	E. and A.	Mathematics.	do.	Do.
		4, 2	Engl. and Hist.	do.	do.		
	4	1, 3	do.	Mathematics.	Languages.		
		4, 2	Mathematics.	Engl. and Hist.	E. E. and P.		
Sunday	1	1, 3	Ordnance.	E. and A.	S. and F. T.	Recreation	Liberty, motion pictures, etc.
		4, 2	S. and F. T.	do.	E. E. and P.		
	2	1, 3	Mathematics.	E. E. and P.	Navigation.		
		4, 2	E. E. and P.	Mathematics.	do.		
Monday	3	1, 3	do.	Languages.	Mathematics.	Recreation	Do.
		4, 2	Languages.	E. E. and P.	do.		
	4	1, 3	E. and A.	Mathematics.	E. E. and P.		
		4, 2	Mathematics.	Languages.	E. and A.		
Tuesday	1	1, 3	Navigation.	do.	S. and F. T.	do.	Do.
		4, 2	S. and F. T.	do.	Navigation.		
	2	1, 3	Mathematics.	E. E. and P.	E. and A.		
		4, 2	E. E. and P.	Mathematics.	do. ²		
Wednesday	3	1, 3	do.	Engl. and Hist.	Mathematics.	do.	Do.
		4, 2	Engl. and Hist.	E. E. and P.	do.		
	4	1, 3	E. and A.	Mathematics.	Languages.		
		4, 2	Mathematics.	E. and A.	Engl. and Hist. ³		
Thursday	1	1, 3	Navigation.	do.	do.	Recreation	Liberty, motion pictures, etc.
		4, 2	do.	do.	do.		
	2	1, 3	E. and A.	S. and F. T. ⁴	do. ⁴		
		4, 2	do.	do.	do.		
Friday	3	1, 3	Languages.	E. E. and P. ⁴	do. ⁴	Recreation	Do.
		4, 2	do.	do.	do.		
	4	1, 3	Hygiene ⁵	do.	do.		
		4, 2	do. ⁵	do.	do.		

¹ When second class has mathematics examination in third period on Monday, first and third battalions recite engineering and aeronautics during first period, and second and fourth battalions recite engineering and aeronautics during second period.

² When second class has electrical engineering and physics examination in third period on Friday, first and third battalions recite engineering and aeronautics during second period, and fourth and second battalions recite engineering and aeronautics during first period.

³ When fourth class has engineering and aeronautics examination in third period on Friday, first and third battalions recite languages during first period, and fourth and second battalions recite english and history during second period.

⁴ December and January.

⁵ Period assigned to hygiene, except once each month assigned to mathematics for examination as modified by Table 12.

NOTE.—During the odd numbered academic months, the first and fourth battalions recite the first hour of a period. During the even numbered academic months, the second and third battalions recite the first hour of a period. For the academic year of 1931-32 each odd numbered battalion of the regiment studies Spanish and each even numbered battalion studies French, except that in the second, third, and fourth classes, one Italian section will be organized from each of the second and fourth battalions, and one German section from each of the first and third battalions. Assignment to each language on entrance becomes permanent for the course.

COURSE OF INSTRUCTION

Program of recitations, 1931-32—Second term

Day	Class	Bat- talion	Periods				
			First: 7.50 to 9.54 a. m.	Second: 10.04 a. m. to 12.08 p. m.	Third: 1.10 to 3.14 p. m.	Fourth: 3.27 to 4.30 p. m.	Fifth: 7.45 to 9.30 p. m.
Monday----	1	1,3	Ordinance.....	E. E. and P.....	E. and A.....	Drill	Study.
		4,2	S. and F. T.....	Ordinance.....	do.....		
	2	1,3	E. and A.....	S. and F. T.....	Navigation.....		
		4,2	do.....	Navigation.....	E. E. and P.....		
Tuesday-----	3	1,3	Engl. and Hist.....	Mathematics.....	do.....	do-----	Do.
		4,2	Mathematics.....	E. and A.....	Engl. and Hist.....		
	4	1,3	do.....	E. E. and P.....	Languages.....		
		4,2	Engl. and Hist.....	Mathematics.....	do.....		
Wednesday..	1	1,3	E. E. and P.....	E. and A.....	S. and F. T.....	do-----	Do.
		4,2	Ordinance.....	do.....	E. E. and P.....		
	2	1,3	Navigation.....	E. E. and P.....	Ordinance.....		
		4,2	do.....	Ordinance.....	S. and F. T.....		
Thursday----	3	1,3	Engl. and Hist.....	Languages.....	Mathematics.....	Recreation..	Do.
		4,2	Mathematics.....	E. E. and P.....	Languages.....		
	4	1,3	do.....	Engl. and Hist.....	E. E. and P.....		
		4,2	E. E. and P.....	Mathematics.....	E. and A.....		
Friday-----	1	1,3	Navigation.....	S. and F. T.....	E. E. and P.....	do-----	Do.
		4,2	Ordinance.....	E. E. and P.....	Navigation.....		
	2	1,3	E. E. and P.....	S. and F. T.....	Languages.....		
		4,2	S. and F. T.....	Ordinance.....	do.....		
Saturday----	3	1,3	Ordinance.....	E. E. and P.....	do.....	Drill.....	Do.
		4,2	E. and A.....	Engl. and Hist.....	Mathematics.....		
	4	1,3	do.....	E. E. and P.....	do.....		
		4,2	Mathematics.....	Languages.....	Engl. and Hist.....		
Friday-----	1	1,3	Engl. and Hist.....	Mathematics.....	Languages.....	do-----	Do.
		4,2	do.....	E. and A.....	Ordinance.....		
	2	1,3	do.....	do.....	S. and F. T.....		
		4,2	E. E. and P.....	Ordinance.....	Navigation.....		
Saturday----	3	1,3	Navigation.....	E. E. and P.....	S. and F. T.....	do-----	Do.
		4,2	E. and A.....	do.....	Mathematics.....		
	4	1,3	E. E. and P.....	Engl. and Hist.....	do.....		
		4,2	Mathematics.....	Languages.....	E. and A.....		
Saturday----	1	1,3	Languages.....	Mathematics.....	Engl. and Hist.....	Recreation..	Do.
		4,2	do.....	do.....	do.....		
	2	1,3	E. and A.....	do.....	do.....		
		4,2	do.....	do.....	do.....		
Saturday----	3	1,3	Languages.....	E. E. and P. ²	Recreation.....	do-----	Do.
		4,2	do.....	do. ²	do.....		
	4	1,3	Mathematics.....	do.....	do.....		
		4,2	do.....	do.....	do.....		

¹ Or as modified by Table 11.² February and March.

NOTE.—During the odd numbered academic months, the first and fourth battalions recite the first hour of a period. During the even numbered academic months, the second and third battalions recite the first hour of a period. For the academic year 1931-32 each odd numbered battalion of the regiment studies Spanish and each even numbered battalion studies French, except that in the second, third, and fourth classes one Italian section will be organized from each of the second and fourth battalions, and one German section from each of the first and third battalions. Assignment to each language on entrance becomes permanent for the course.

ARRANGEMENT OF COURSES

1931-1932

All courses are completed each term. Midshipmen are required to have a 2.5 or over in each department for each term.

RÉSUMÉ OF COURSE OF INSTRUCTION

EXECUTIVE

The executive department, under the direction of the commandant of midshipmen, has for its mission—

Development of the highest standards of uprightness, truth, honor, loyalty, and patriotism.

Development of officerlike character, including the qualities of initiative, force, leadership, attention to duty, military bearing, cleanliness of mind and person, neatness of dress, and aptitude for the service.

Enforcement of the regulations for interior discipline.

General direction of all drills, including infantry tactics, extended order, and physical drill under arms.

Supervision of all midshipmen entertainments and extracurricular activities.

Service to the regiment of midshipmen by the midshipmen's commissary, midshipmen's store, tailor shop, laundry, barber shop, and cobbler.

Administration of Bancroft Hall, where the regiment of midshipmen is quartered and messes.

Supervision of the Naval Academy band, police, fire-fighting organization, farm and dairy, and commissary store.

Summary of practical instruction periods, 1931-32

Department	First battalion				Second battalion			
	Class				Class			
	First	Second	Third	Fourth	First	Second	Third	Fourth
Executive.....	51	51	51	51	51	51	51	51
Executive (Inst.).....	5	4	1	0	5	3	1	0
Seamanship.....	26	22	27	37	27	22	27	38
Seamanship (Rec.).....	0	7	0	0	0	7	0	0
Ordnance.....	29	22	20	9	29	22	20	9
Ordnance (I. R.).....	6	3	0	0	6	4	0	0
Navigation.....	4	3	0	0	4	3	0	0
Engineering and aeronautics.....	16	29	37	20	16	28	36	20
Electrical engineering and physics.....	17	11	0	0	16	12	0	0
Electrical engineering and physics (Rec.).....	0	0	15	0	0	0	15	0
Gymnasium.....	11	13	14	38	11	13	15	37
Dancing.....	0	0	0	10	0	0	0	10
Total.....	165	165	165	165	165	165	165	165

Summary of practical instruction periods, 1931-32—Continued

Department	Third battalion				Fourth battalion			
	Class				Class			
	First	Second	Third	Fourth	First	Second	Third	Fourth
Executive.....	51	51	51	51	51	51	51	51
Executive (Inst.).....	5	4	1	0	5	4	1	0
Seamanship.....	25½	21	26	37	25	21	26	37
Seamanship (Rec.).....	0	7	0	0	0	7	0	0
Ordnance.....	31	23	21	10	31	23	21	10
Ordnance (I. R.).....	6½	3	0	0	6	3	0	0
Navigation.....	4	3	0	0	4	3	0	0
Engineering and aeronautics.....	16	28	37	19	16	29	37	20
Electrical engineering and physics.....	16	13	0	0	17	12	0	0
Electrical engineering and physics (Rec.).....	0	0	15	0	0	0	15	0
Gymnasium.....	10	12	14	38	10	12	14	38
Dancing.....	0	0	0	10	0	0	0	9
Total.....	165	165	165	165	165	165	165	165

(Inst.), Instruction; (Rec.), Recitation; (I. R.), Indoor ranges.

SEAMANSHIP AND FLIGHT TACTICS

The department of seamanship and flight tactics has for its mission the instruction of midshipmen to the end that upon graduation they may be capable of efficiently performing the duties of a junior officer afloat, as junior officer of the watch, junior deck division officer, junior forecandle officer, boat officer, assistant communication officer, and recorder of a summary court-martial. Midshipmen receive instruction giving them an elementary knowledge of flight tactics, aviation history, and aerology.

Seamanship drills commence with the day of the fourth classman's entrance into the academy, continue throughout the entire course, and are supplemented by practical instruction on the practice cruises. Commencing with learning how to pull a service cutter, the drills progress through handling service-type and civilian-type boats under oars, sail, and power; signals—semaphore, Morse visual code, and flag hoist; ground tackle work; knotting and splicing; compass, log, and lead; tactics and evolutions; communications.

In general, members of the fourth class take the ordinary crew duties, and have qualifications similar to seamen; third class, as important crew members, with qualifications as petty officer; second class, as second in command, with qualifications as chief petty officer; and first class, in command, with qualifications as junior officer.

Recitations are held in seamanship second term of third year, and throughout both terms of the fourth year. The instruction covers signals, seamanship in general, nautical phraseology, communications, regulations, military law, elementary strategy and tactics, international law, leadership, mooring and maneuvering board, and aviation subjects connected with flight tactics, such as aviation history, aerology, aircraft communications, and aviation scouting.

For first class, additional instruction in tactics and in seamanship evolutions is carried on in submarine chasers, all of the duties of the deck force being taken over by the midshipmen, under the supervision of experienced officer instructors.

The first class is given flight during the spring and fall practical instruction periods.

The second class is retained at the Naval Academy during the summer and given an aviation training course.

Division of time

	Practical work	Number of hours	Total	Nonpractical	Number of hours	Total	
FOURTH CLASS YEAR							
Summer term.....	Cutters..... Sailboats..... Knotting and splicing..... Signals.....	80	80	None.....	None.		
First term.....	Cutters..... Practical seamanship..... Signals.....						12 6 6
Second term.....	Cutters..... Practical seamanship..... Signals.....	12 6 6	24	None.....	None.		
THIRD CLASS YEAR							
Practice cruise.....	Parts of ship organization, station bills, ground tackle signals.	33	33	None.....	None.		
First term.....	Sailboats..... Signals..... Wire splicing.....	12 3 3	18	None.....	None.		
Second term.....	Sailboats..... Signals..... Wire splicing.....	12 3 3					
SECOND CLASS YEAR							
Summer term.....	Flight training.....	6	24	None.....	None.	7	
First term.....	Motor launches..... Subchasers..... Cutters.....	6 6 6		None.....	None.		
				Leadership.....	7		
Second term.....	Motor launches..... Subchasers..... Cutters.....	6 6 6	18	Seamanship..... Signals and communications. Regulations..... Naval aviation.....	24 10 6 8	48	
FIRST CLASS YEAR							
Practice cruise.....	Deck duties, ground tackle, organization.	33	33	None.....	None.		
First term.....	Flight training..... Subchasers..... Cutters.....	3 6 3	12	Seamanship..... Signals..... Military law..... International law..... Communications.....	14 6 12 10 6	48	
Second term.....	Flight training..... Subchasers..... Cutters.....	3 6 3		Elementary strategy and tactics. Aviation history..... Aerology..... Regulations..... Mooring board.....	14 3 8 15 8		
						48	

ORDNANCE AND GUNNERY

The course includes all the theoretical and practical instruction required for the performance of gunnery duties aboard ship as a junior officer and in addition gives a thorough basic foundation for future study and development work in ordnance and gunnery. It is divided into two parts—section room and practical instruction. The section-room instruction covers subjects which must be studied and can best be learned as a midshipman; the practical instruction and drill includes work with all types of naval ordnance from small arms to turret guns and methods for control of all weapons. Drills which can be best given aboard ship and preparations for target practice are held during the practice cruise and not at the Naval Academy.

The practical work begins the summer of the fourth class year and includes firing on the rifle range with rifle and pistol up to the experts' course and explanation of all ordnance equipment and models in Dahlgren Hall. During the fourth, third, and second class years this practical instruction is continued with small arms, machine guns, broadside battery, torpedoes, models, and training in the duties of all personnel connected with ordnance. Second class also has instruction in mines and fire control. First class year is devoted to fire control and methods of using broadside and turret guns, aviation ordnance, aviation bombing, and grenades. On the first-class practice cruise midshipmen, first class, perform the duties of officers in gunnery exercises with the fleet.

Instruction in the section room begins the second term, second class year, with a study of naval ordnance, gun construction, and torpedoes. In first class year a study is made of powder pressures, velocities and trajectories of projectiles, ranges and errors of naval guns, fire control of all types of guns, gunnery methods, including aviation gunnery, and the duties of a junior officer in the gunnery department aboard ship.

Textbooks and service publications are used which have been specially written by experienced officers of the United States Navy for instructional purposes of midshipmen and junior officers. Besides the study of these, a series of lectures on practical ordnance and gunnery is given by officers from the Navy Department or the fleet.

Throughout the course great stress is laid not only upon the duties of a junior officer in gunnery, but the relation of each subject to the development of ordnance and gunnery in the United States Navy, the present gunnery methods of the fleet, and the possible future requirements which must be met by naval officers who are graduates of the Naval Academy.

SECOND CLASS YEAR—SECOND TERM

Object.—To consolidate the work of the first term so as to give the midshipman a logical and comprehensive idea of the navigator's daily work in conducting the ship from place to place and checking her position.

The result desired is to so prepare the midshipman that he will be able to get the most practical value out of his first class cruise, where he will have an opportunity to take observations and actually locate the ship on the chart.

The practical instruction in chart and compass work is continued with the idea of making the midshipman thoroughly familiar with the proper methods of piloting.

The drills are designed to give a thorough working knowledge of the care, operation, and handling of the sextant.

FIRST CLASS CRUISE

Object.—The practical application on board ship of the instruction given during second class year.

The midshipman is required to take sights, work them out, and locate the ship, both by means of these sights and by dead reckoning. Piloting is taught under circumstances which enable the midshipman to see clearly how the ship is handled. The actual compensation of a ship's compass is carried out when possible and the midshipman required to assist so that the practical difficulties encountered may be clearly seen and appreciated. The value of the gyro-compass is demonstrated and instruction given in its use.

FIRST CLASS YEAR—FIRST AND SECOND TERMS

Object.—The mission of this department, carrying out the broader mission of the Naval Academy, is to teach navigation in such a manner as to insure the mastery of fundamental principles and to provide that at graduation midshipmen are prepared to perform navigational duties on board ship in accordance with standard service practice.

A fictitious circumnavigating world cruise is conducted to give the midshipmen all possible variations of the problem of position. In addition, the following subjects are taught in the section room, at drills, and by practical instruction in the chart room:

- (a) The duties of the navigator in accordance with Navy regulations.
- (b) Aerial navigation.
- (c) The value and use of radio bearings.
- (d) The use and relative value of various methods for the solution of the astronomical triangle.
- (e) Hydrographic surveying.

Division of time

	Practical work	Number of hours	Total	Nonpractical work	Number of hours	Total
SECOND CLASS YEAR						
Summer term.....	Navigation, piloting, and aerial navigation.	20	20	-----	-----	-----
First term.....	Astronomy.....	1	-----	Astronomy.....	12	-----
	Navigation.....	20	-----	Navigation.....	27	-----
		21	-----			39
Second term.....	Navigation.....	32	32	Navigation.....	35	35
FIRST CLASS YEAR						
Practice cruise.....	Navigation..... (This is for the detail which gets maximum cruising. It varies with different details depending on time at sea, weather, etc.)	144	144	-----	-----	-----
First term.....	Hydrographic surveying.	4	-----	Hydrographic surveying.	6	-----
	Navigation.....	26	-----	Navigation.....	17	-----
		30	-----			23
Second term.....	Navigation.....	17	-----	Navigation.....	20	-----
	Aerial navigation.....	6	-----	Aerial navigation.....	5	-----
		23	-----			25

ENGINEERING AND AERONAUTICS**FOURTH CLASS YEAR—SUMMER AND FIRST TERMS**

Descriptive geometry and mechanical drawing.—Instruction in use of drawing instruments and development of manual dexterity in employment. Standard methods of lettering and practice in their use. Application of the foregoing to descriptive geometry, with the representation of lines, planes, curved surfaces, and intersections, in order to develop the ability to visualize objects in space.

FOURTH CLASS YEAR—SECOND TERM; THIRD CLASS YEAR—FIRST TERM

Engineering drawing.—Making of free-hand working sketches of small machine parts, with full dimensional data taken from work, and the making of standard working drawings from such sketches. Understanding of standardized parts and use of tables of standards in design. The making of detail from assembled drawings and vice versa, particular emphasis being laid upon the ability to read blue prints correctly and to appreciate good points in the design of a machine.

THIRD CLASS YEAR—SECOND TERM

Mechanisms.—A study of the underlying principles governing the relative motions of parts of machinery, including revolving and oscillating bodies; belt, rope, and chains; motion by pure rolling contact; gears and gear teeth; wheels in train; inclined plane, wedge, screw, worm and wheel; cams; relative velocities of rigidly connected points; linkwork; straight-line mechanisms; parallel motions; aggregate combinations; pulley blocks; intermittent motion.

Engineering materials and processes.—A study of engineering and construction materials; their properties and uses, and the essential steps in producing them

from ore to the finished product. Methods of shaping metals for use and a study of the essential features of metallography, particularly with reference to steel.

SECOND CLASS YEAR—FIRST TERM

Thermodynamics.—The utilization of heat as energy to perform mechanical work in various types of machinery, such as turbines, internal-combustion engines, refrigerating machinery, etc., including a study of the use of steam tables and diagrams.

SECOND CLASS YEAR—SECOND TERM

Boilers.—A study of different fundamental types of marine boilers, including principles of water and gas circulation; combustion and fuels; boiler accessories fittings, and measuring instruments; general principles connected with operation and maintenance.

Naval reciprocating engines and auxiliary machinery.—General principles and thermodynamics as applied to this type of machinery; study of mechanical parts and materials used; measurement of power; fundamentals of construction and operation of condensers, pumps, valves, heaters, tanks, lubrication systems, and complete installations.

Steam turbines.—Underlying principles of turbines, their classification into types, and the characteristics of each type; necessary turbine auxiliaries; study of various types of turbines used in the Navy; general principles of operation and care of marine turbine installations.

FIRST CLASS YEAR—FIRST TERM

Internal-combustion engines.—Underlying principles of internal-combustion engines. Study of Otto and Diesel cycles, and their application to existing types of engines. Fuels and lubricants. Study of marine types of gasoline and oil engines, and of aircraft engines, including mechanical parts, carburetion, lubrication, cooling, and ignition systems. General principles of operation.

FIRST CLASS YEAR—FIRST AND SECOND TERMS

Naval construction.—General study of ship's lines and definitions pertaining thereto; various steps in planning a ship; calculations of areas and volumes; general principles of stability, both static and dynamic; displacement and trim, with curves in relation thereto; effects of weight distribution and of weight shifting; resistance of ships; coefficients of speed, law of corresponding speeds; ship nomenclature; details of construction of naval vessels; launching and docking; general arrangement of ship compartments and methods of flooding, draining, and ventilating; details of steering gear; care and preservation of hulls.

FIRST CLASS YEAR—SECOND TERM

Aircraft construction.—General study of heavier-than-air aircraft; nomenclature and definitions; aerodynamics in relation to stability and control; aerofoils, powering, external loading, and design; details of construction, erection, care, and preservation; naval service types.

PRACTICAL WORK

FOURTH CLASS YEAR—SUMMER

Pattern shop.—Elementary work of the carpenter shop, mortising, joining, and use of woodworking lathes, band saw, etc. Making of simple patterns, demonstrated.

Machine shop.—Instruction in use of power tools and in metal turning and screw cutting.

Coppersmith shop, forge shop, foundry.—Elementary instruction in work done in these shops. Molding and casting from patterns made in pattern shop.

Elementary engineering.—Examination of models and talks on boilers, reciprocating engines, turbines, internal-combustion engines, fire-room and engine-room auxiliaries, evaporators, etc.; ship construction, docking, steering engines, anchor engines, etc.

Engineering materials.—Explanation of common machine parts, as bolts, i vets, pipes and pipe fittings, and testing of metals commonly used.

FOURTH CLASS YEAR—WINTER DRILLS

Pattern shop.—Selection and treatment of different kinds of woods for various purposes; continuation of summer work of the carpenter shop to finished pattern work. Demonstrations of methods of casting from intricate patterns.

Machine shop.—Vise bench work, principally fitting of bearings, and study of lubrication problems.

Boilers and engines.—Lectures on operation and maintenance, and sketching interior details.

THIRD CLASS YEAR—PRACTICE CRUISE

Tour of inspection of engine and boiler compartments and auxiliary stations; study and sketching (where applicable), of the general arrangement of machinery, accessories and fittings, corrosion, cleaning and painting, care of compartments, blue-print reading, shops, tools, materials, and repair work. Stand watches in all engineering divisions. Lectures supplemented by moving pictures and slide films.

THIRD CLASS YEAR—WINTER DRILLS

Foundry.—Kinds of sand and implements used; making of molds; melting and pouring of iron and brass.

Forge shop.—Equipment and tools used; forging, welding, tempering, case-hardening, and other heat treatment of metals; bending and quenching tests of metals, etc.

Aeronautics.—Aviation engines, assembly and disassembly. Service problems in aviation and their solution.

Coppersmith shop.—Soldering, hard and soft; making copper pipe; putting flanges on pipe; use of oil furnace and oil heater; sweating patch on a copper pipe; cutting and welding of metals.

Machine shop.—Machine-tool work from working drawings, including the setting of work. Machine tools used are lathes, planers, vertical and horizontal boring mills, simple and radial presses, shapers, milling machines, slotters, etc.

Testing of engineering materials.—Methods of inspecting and testing metals. Demonstrations of tensile, torsion and bending tests. Explanation of the stress-strain diagram.

Engineering accessories.—Pressure and vacuum gauges and their calibration. Measuring instruments and types and uses of valves.

Sketching.—Explanation of the line sketch to show essential principles of a machine without minor details, as suited to classroom procedure. How to supply by individual ingenuity missing parts to a mechanism.

SECOND CLASS YEAR—SUMMER COURSE AT NAVAL ACADEMY

Boilers.—Operation, maintenance and care of coal and oil-fired boilers. Safety precautions. Testing of coal, oil, and water.

Engines.—Disassembly, overhaul, assembly and adjustment of reciprocating engines. Types of steam turbines and Diesel engines.

Auxiliaries.—Types, operation and maintenance of heat transfer apparatus, and pumps of all kinds.

Aviation structure and rigging.—Practical alignment and inspection of planes.

Aviation engine overhaul.—Assembly and disassembly of two types of air-cooled engines. Adjustment of electrical cooling and lubricating systems.

SECOND CLASS YEAR—WINTER DRILLS

Operation of steam turbines; determination, by dynamometer, of horsepower developed; torsion meter; detailed inspection of marine turbines, reduction gear, and condensing plant. Steering and anchor engines; propeller measurements; coal and fuel oil testing, flue-gas analysis and water testing. Chemical warfare. Elementary ship construction and upkeep; log-room accounting; hydraulics; balancing of engines.

FIRST CLASS YEAR—PRACTICE CRUISE

Administration of the engineer department; study and operation of main engines and auxiliaries, power-boat engines; emergencies; repairs; stand watches of junior officer, machinist, chief petty officer, and other stations as required. Daily lectures.

FIRST CLASS YEAR—WINTER DRILLS

Operation of internal combustion engines, variable compression test engine, and tests thereon. Detailed inspection of carburetors and magnetos and the adjustment of them; detailed inspection and operation of various types of marine and aircraft gas engines; visits to experiment station; log-room administration; pump calibration. Inspection of various ships' models showing details of warship construction; also docking, including experiments, stability and buoyancy, damage control, gas warfare defense. Aircraft construction and wind-tunnel tests. Illustrated lectures on engineering, naval architecture, and aviation.

Division of time

	Practical work	Number of hours	Total	Nonpractical	Number of hours	Total
FIRST CLASS YEAR						
Summer term.....	Cruise.....	(1)				
First term.....	Laboratories.....	6	6	Thermodynamics; turbines.	49	49
Second term.....	do.....	6	6	Turbines; internal combustion engines.	49	49
SECOND CLASS YEAR						
Summer term.....	Engineering materials.	26				
	Aero engine overhaul.	26				
	Aeroplane structure and rigging.	26				
	Boilers; auxiliary machinery; engines.	78				
First term.....	Laboratories.....	12	12	Marine and naval boilers; naval reciprocating engines; naval auxiliary machinery.	64	64
Second term.....	do.....	12	12	Warship construction; aircraft construction.	49	49

¹ 3 weeks watch standing and making notes.

Division of time—Continued

	Practical work	Number of hours	Total	Nonpractical	Number of hours	Total
THIRD CLASS YEAR						
Summer term.....	Cruise.....	(¹)				
First term.....	Shops.....	15	15	Drawing.....	90	90
Second term.....	do.....	15	15	Mechanisms.....	34	
				Materials and processes.....	16	50
FOURTH CLASS YEAR						
Summer term.....	Shops. Elementary engineering; indoctrination.	30				
	Sketching.....	25				
			55			
First term.....	Shops.....	9	9	Drawing.....	68	68
Second term.....	do.....	9	9	do.....	63	63

¹ 3 weeks watch standing and making notes.

MATHEMATICS

FIRST YEAR—FIRST TERM

Solid geometry.—The geometry of lines and planes in space, polyhedrons cylinders, cones, spheres; development and use of formulas for surfaces and volumes; demonstrations of propositions; solution of problems by construction and computation.

Logarithms.—Definitions and properties; practical use in computation; tables of logarithms of numbers, of logarithms of trigonometric functions, and tables of natural functions; haversine tables; special system of forms for computation.

Plane trigonometry.—Measurement of arcs and angles; trigonometric functions; development and use of fundamental trigonometric relations and identities; solution of trigonometric equations; solution of all cases of plane triangles, including development of formulas and methods for same; simple applications to measuring heights and distances.

Spherical trigonometry.—Solution of cases of spherical triangles, including development of formulae.

FIRST YEAR—SECOND TERM

Spherical trigonometry.—Important cases of spherical triangle completed; numerical solution of great circle courses and distances and of various cases of the astronomical triangle—time sight, meridian altitude, etc.

Algebra.—Short review of important parts of elementary algebra; quadratics and advanced algebra, including inequalities, mathematical induction, binomial theorem, variation, progressions, complex numbers, theory of equations, partial fractions, permutations, combinations, probability, determinants.

Introduction to engineering mathematics.—A problem course based on previously acquired knowledge of algebra, geometry, and trigonometry. Stress is laid on precision in calculation, so that the indicated accuracy of the results will be consistent with the exactness of the data. Theory and use of the slide rule.

Calculus.—The fundamental concepts of calculus, with numerous practical applications.

SECOND YEAR—FIRST TERM

Calculus.—Derivatives of algebraic functions, applications of derivatives; differential notation; differentiation of transcendental functions; integrations; applications of integrals; successive differentiation and integration; curves and

curve tracing; definite integrals; application of integration to geometry and mechanics; special methods of integration; functions of two or more variables; multiple integrals; infinite series.

Plane and solid analytic geometry.—Taken concurrently with calculus, using the same textbook.

SECOND YEAR—SECOND TERM

Mechanics.—Use of the slide rule; vectors; statics of a particle; forces acting on a rigid body; statics of a rigid body; centers of gravity and moments of inertia; deformable bodies, beams; rectilinear motion; work and energy; curvilinear motion; dynamics of a rigid body; brief treatment of hydromechanics.

THIRD YEAR—FIRST TERM

Complex numbers and hyperbolic functions.—Elementary theory of complex numbers and hyperbolic functions, with applications, especially to electrical engineering.

Spherical trigonometry.—Applications of spherical trigonometry, especially to problems concerning the terrestrial and celestial spheres.

Differential equations.—Thorough drill in the setting up and solution of geometrical and physical problems involving important types of ordinary differential equations.

Division of time

SECOND CLASS YEAR		Number of hours
First term.....	Complex numbers and hyperbolic functions.....	10
	Spherical trigonometry.....	10
	Differential equations.....	57
THIRD CLASS YEAR		
First term.....	Analytic geometry.....	22
	Differential and integral calculus.....	55
Second term.....	Mechanics.....	77
FOURTH CLASS YEAR		
Summer term.....	Drill in logarithms, exponents, and computations.....	16
First term.....	Plane trigonometry.....	39
	Solid geometry.....	31
	Spherical trigonometry.....	9
Second term.....	Spherical trigonometry.....	9
	Algebra.....	29
	Engineering mathematics.....	18
	Elements of calculus.....	33

ELECTRICAL ENGINEERING AND PHYSICS

The course of instruction given by this department includes chemistry, physics, direct-current electricity, alternating-current electricity, and radio. The time available for each of these subjects is comparatively short and the courses are, therefore, more or less elementary, special emphasis being placed on fundamental principles. The following is an outline of the subjects studied by each class:

FOURTH CLASS—FIRST AND SECOND TERMS

The year is devoted to the study of general inorganic chemistry with laboratory work. In addition, lectures are given on the application of chemistry to devices and appliances in the service, water testing, gas analysis, explosives, chemical warfare, service paints, and qualitative analysis.

Practical work in the chemical laboratory supplements the classroom instruction. Experiments are performed illustrating the preparation and properties of various gases and other substances and include elementary qualitative analysis.

THIRD CLASS—FIRST AND SECOND TERMS

The subject of physics is taken up during the whole of the third class year and includes the study of mechanics, heat, sound, light, magnetism, and elementary electricity, and the application of the various laws and phenomena in these branches of the subject with special stress on problems. The course forms the groundwork for more advanced studies in other subjects, and includes the flight of projectiles, balloons, gyroscopes, elements of thermodynamics, submarine listening devices, theory of flight, and optical instruments.

Practical work in the physics laboratory comprises experiments illustrating various physical laws and phenomena studied in the classroom. A number of lectures are given during the year.

SECOND CLASS—FIRST AND SECOND TERMS

The whole of second class year is devoted to the study of magnetism, electrostatics, direct-current and alternating-current electricity. During the first term, the fundamentals of simple electric circuits are studied with applications of Ohm's and Kirchoff's laws, while the second term is devoted principally to the theory and operation of dynamo-electric machines and alternating currents.

The laboratory work covers the following: Magnetic fields, induced e. m. f., measurements of resistance, divided circuits, fall of potential, use and calibration of different measuring instruments supplied to ships, setting up and operation of primary and secondary batteries, operation and measuring efficiencies of dynamos and motors, devices for motor control, operation of switchboards, and electrical machinery supplied to naval vessels, measuring insulation resistance of electric plants, etc. There are also experiments for studying the characteristics of inductance and capacity.

A series of lectures is given to elucidate difficult points, to illustrate in a general way the practice in the electrical department aboard naval vessels, and as a review of the text already covered.

FIRST CLASS—FIRST AND SECOND TERMS

The first class takes up the subject of alternating-current electricity, including radio, about half of the time available being devoted to the study of radio. The course in alternating-current electricity is considered to be of great importance due to the increasing application of alternating-current machinery on board ship, principally in connection with the electric drive. This course starts with the theory of alternating-current generators and simple alternating-current circuits, including problems on series, parallel, and series-parallel circuits, and advances into the study of synchronous motors, transformers, polyphase currents, and induction motors, with the application of the latter to the electric drive.

The radio course covers the underlying principles of radio communication. The time allotted to radio is devoted to the study of the fundamental principles governing the operation of spark, arc, and vacuum-tube equipment according to their relative importance.

The above radio course covers the following: Wave motion; resistance, inductance, capacity, and resonance, as applied to radio circuits; the simple oscillating circuit; use of the frequency meter; damped and continuous wave transmission; radiation of waves; receiving apparatus; uses of the vacuum tube as a detector,

amplifier, modulator, and oscillator; regeneration; multiple stage amplification; radiotelephony; antennas; and interference and selectivity.

Laboratory work and lectures form an important part of the course. The electrical laboratory work comprises an elementary study of inductance and capacity in alternating-current circuits, alternating-current generators, motors, and transformers. In the radio laboratories the instruction comprises experiments with simple oscillating circuits, use of frequency meters, use of vacuum tube as a detector, amplifier, generator, and modulator.

Division of time

	Practical work	Number of hours	Total	Nonpractical	Number of hours	Total
FIRST CLASS YEAR						
Practice cruise.....	Lectures on ship's electrical equipment and elementary radio.	13		None.....		
	Study and preparation of notebooks.	15				
	Watches in dynamo and distribution rooms and inspections.	10	38			
First term.....	Alternating current laboratory.	20		Alternating current electricity.	45	45
	Practical instruction (drills).	8	28			
Second term.....	Radio laboratories.	20		Radio.....	44	44
	Practical instruction.	8	28			
SECOND CLASS YEAR						
Summer term.....	Direct current electrical laboratory.	41		None.....	None.	
	Radio operators course	24	65	.....do.....	None.	
First term.....	Direct current electrical laboratory.	22		Direct current electricity.	42	42
	Practical instruction (drills).	3	25			
Second term.....	Direct current electrical laboratory.	16		.....do.....	26	
	Alternating current electrical laboratory.	6		Alternating current electricity.	15	41
	Practical instruction (drills).	4	26			
THIRD CLASS YEAR						
Summer term.....	None.....	None.		None.....	None.	
First term.....	Physics laboratory.	18	18	Physics.....	56	56
Second term.....	.....do.....	16	16	.....do.....	61	61
FOURTH CLASS YEAR						
Summer term.....	None.....	None.		None.....	None.	
First term.....	Chemical laboratory.	8	8	Chemistry.....	30	30
Second term.....	.....do.....	8	8	.....do.....	34	34

ENGLISH AND HISTORY

Instruction in both English and history begins for midshipmen almost immediately on entrance. The new class are introduced to the Naval Academy library. They are taught its use and during the period of the summer they read extensively. Further, by lectures and other means their attention is called to the importance of naval tradition and to the significance of the great names of the service, which many of them meet for the first time. During the academic year courses are given in composition and literature, naval history, history of the United States, and modern European history.

In composition, emphasis is put upon (1) the paragraph as the constructive unit; (2) the letter, social and official; (3) the article, both technical and popular; and (4) after-dinner speaking, a form of oral composition which no officer can be inexperienced in without loss of dignity and usefulness. In literature, a survey is made of the entire field from the latter part of the sixteenth century to the present day, especial emphasis being given to Shakespeare, the modern essay, and the short story.

In naval history attention is directed to sea power and its relation to (1) development of ships and armament; (2) lives and characters of great leaders (particular stress being placed on the growth of American naval tradition); and (3) effect on contemporary and subsequent history. A study is made of the great naval engagements from Salamis to Jutland. In the history of the United States the period covered is from 1865 to the present time. This is supplemented by lectures and articles from a leading magazine, both introduced with the aim of stimulating thought in topics of current interest. In modern European history the course is based on a comprehensive textbook, supplemented by lectures by historians of national reputation and also by men of affairs. The aim is not only to vitalize the study of history but to give the midshipman such a knowledge of international problems as will fit him to be an intelligent representative of America in every country he may visit.

At the beginning of each course in English and history the effort is made to secure the interest and cooperation of the midshipman by making clear to him just how and why the proposed course will be of practical benefit to him in his career as a naval officer.

Division of time

	Course	Number of hours
FOURTH CLASS YEAR		
Summer term.....	Exercises in library and museum, 18 lectures.	15 hours plus 18 lecture hours.
First term.....	Composition and literature; themes; survey of English literature, 5 lectures.	48 hours.
Second term.....	English and American literature; themes; 3 plays of Shakespeare; the American short story, 4 lectures.	Do.
THIRD CLASS YEAR		
First term.....	Naval history, 4 lectures.....	Do.
Second term.....	History of the United States since 1865, 5 lectures.	Do.
FIRST CLASS YEAR		
First term.....	After-dinner speaking.....	
Second term.....	Modern European history, 13 lectures; after-dinner speaking.	32 hours plus 13 lecture hours.

MODERN LANGUAGES

1. The mission of the department of modern languages is to give to midshipmen a sufficient knowledge of French, Spanish, German, or Italian to enable them to converse in the foreign tongue, to express themselves clearly in written communications, and to read with sufficient ease French, Spanish, German, or Italian of average difficulty. Throughout the course emphasis is laid on the knowledge of fundamental elementary principles to the end that, however late in his career he may be called upon to utilize his knowledge, the officer will have a solid foundation on which to build.

2. On admission to the Naval Academy approximately one half of the midshipmen are assigned to study French while the other half are assigned to study Spanish, except one section from each of the first and third battalions which are assigned to study German, and one section from each of the second and fourth battalions which are assigned to study Italian. This assignment depends on the preference of the individual midshipman and is permanent for the entire course.

3. The textbooks in use are modern and practical. Since the number of midshipmen in a section does not exceed 12, special attention is given to the individual.

4. The course in modern languages covers three and one-half academic years and consists of approximately 220 recitations, plus examinations.

Division of time

	Number of hours	Total
FOURTH CLASS YEAR		
September.....	27	131
First term.....	52	
Second term.....	52	
THIRD CLASS YEAR		
First term.....	36	72
Second term.....	36	
SECOND CLASS YEAR		
First term.....	16	32
Second term.....	16	
FIRST CLASS YEAR		
First term.....	36	36
Second term.....	None.	
Grand total.....		271

HYGIENE

Soon after entrance midshipmen of the fourth class are given a course in personal hygiene and the care of the human machine. This includes a series of lectures to the class as a whole and instruction of a more detailed character over a period of several months. The purpose of this course is to prepare the members of the entering class to make their fullest personal contribution to the continuance of their health, (individually and collectively), and thus to their best scholastic possibilities. In other words, it is to ground them in the art of keeping themselves in good health—to acquaint them with those precautions

which every man can take in his own behalf to prevent disease or minimize its effects and thus maintain himself at all times in the best possible physical condition and mentally alert. The course comprises the following subjects:

- (a) Physical education; i. e., care of the human machine.
- (b) Personal hygiene, including social-hygiene education.
- (c) Physical training, the benefits of muscular activity, and the dangers of overtraining.
- (d) Preventable diseases and simple rules for maintaining health.
- (e) Oral prophylaxis and the care of the teeth.

A competent representative of the medical department is always present at all official contests and authorized sports. For graduation a midshipman is required to show, by standard strength and gymnasium tests, that he is 100 per cent physically efficient.

The fourth class during the first term is given a course in general hygiene, physiology, and first aid, using the adopted textbook by Capt. R. G. Heiner, Medical Corps, United States Navy. An outline of the course is as follows:

- I. Minute anatomy and cell physiology.
- II. Gross anatomy and physiology.
- III. Bacteriology.
- IV. Preventable diseases.
- V. Venereal diseases.
- VI. Naval hygiene.
- VII. Military hygiene.
- VIII. Physical training.
- IX. First aid, including that for the effects of gas warfare.
- X. Alcohol and other narcotics; their effects and dangers.

The course is illustrated by charts, manikin, skeleton, blackboard drawings, and moving-picture reels and includes a special lecture on the relation of the oral cavity to the general nutrition and health of the body.

Emphasis is placed on the methods of giving first aid, and practical demonstrations are given in order to prepare these future officers for the instruction of the men of their divisions, as required by Navy regulations.

Two examinations are held, mid-term and final, each embracing one-half of the textbook.

Division of time

	Number of hours	Total
FOURTH CLASS YEAR		
Summer term.....	4½	
First term.....	16	20½

PHYSICAL TRAINING

In this department midshipmen are trained in the principles of health and recreation so as to fit them for a long period of healthful service. In addition they are given instruction in the various branches of physical drill and athletics in order better to qualify them as leaders and coaches of fleet athletics.

FIRST YEAR—FOURTH CLASS

Initial examination.—Immediately upon entrance to the Naval Academy each midshipman is tested in strength, posture, and swimming. A photographic and graphic record is made at this time.

Requirements

Swimming.—Ability to swim five minutes and demonstrate the crawl, back, right and left side strokes.

Strength.—Ability to equal the standard for strength in 32 out of 42 of the chief muscles of the body.

Gymnasium requirements.—Practical use of muscles in various combinations such as jumping, running, etc.

Posture.—Knowledge of proper “brace” and ability to assume a correct posture.

Boxing.—Demonstration of the elements of self-defense.

Wrestling.—Knowledge and use of six wrestling holds and their counters.

Dancing.—Ability to demonstrate fundamentals of dancing.

In addition to the above subjects which are required, midshipmen of the fourth class are given instruction in football, baseball, crew, track and field, basketball, lacrosse, rifle, fencing, gymnastics, water polo, tennis, soccer, handball, and training.

SECOND YEAR—THIRD CLASS

Requirements

Swimming.—Ability to swim 120 yards in three minutes, using the crawl, back, right and left side strokes.

Strength.—Ability to equal the standard of strength in 36 out of 42 of the chief muscles of the body.

Gymnasium requirements.—Graded improvement in use of muscles to equal the standards set in 14 practical gymnasium tests.

Posture.—Knowledge of proper “brace” and an habitual correct posture while standing or marching.

In addition to the above requirements midshipmen of the third class are given instruction in the fundamentals of the sports listed under fourth class.

THIRD YEAR—SECOND CLASS

Swimming.—Ability to swim 160 yards in four minutes, using the crawl, right and left side, and back strokes. Practical demonstration of life saving and knowledge of resuscitation; diving.

Strength.—Ability to equal the standard for strength in 42 of the chief muscles of the body.

Gymnasium requirements.—Ability to equal the “A” tests in 14 various uses of the body in gymnasium tests.

Posture.—Ability to demonstrate proper posture and direct others in the fundamentals of posture.

In addition to the above requirements midshipmen of the second class are instructed in officiating athletic contests in the various branches of sports.

FOURTH YEAR—FIRST CLASS

Instruction in self-defense in use of the cane, rough and tumble, boxing, and wrestling. Course in coaching athletics, selective for sports desired. Instruction in golf.

Textbook used, Manual of Athletic Requirements, United States Naval Academy.

Additional instruction given with moving pictures and selected slides.

ATHLETICS

In the branch of athletics, which is entirely voluntary, the department of physical training, in conjunction with the Navy Athletic Association, trains and fully equips all athletic teams, whether varsity, class, or company.

A complete organization with necessary equipment is provided so that a midshipman of any size, weight, or degree of skill may find suitable opportunity for participation during all recreation periods.

In general, all outside athletic competition is restricted to colleges and preparatory schools. A wide range of competitive sports graded from varsity, freshman, and class competition to company meets, induces practically every midshipman to participate in one or more branches at some time during his course at the Naval Academy.

LIBRARY

The library contains 73,625 volumes, and increases at the rate of about 1,500 volumes a year. It is commodiously housed in Mahan Hall, in three large rooms, which are well lighted and ventilated, and all on the same level, with one of them containing a second deck for the shelving of bound sets of periodicals. The collection is especially rich in naval literature; and it is strong in history, biography, literature, travel, and reference books, with other subjects developed in less degree. About 75 periodicals are taken, 1 newspaper, and upward of 20 serials or annuals. All of this material is on open shelves, as freely accessible as it would be in one's own home. The arrangement is plain and convenient. The hours on week days are from 9 a. m. to 6.15 p. m., and on Sundays from 2.30 to 6 p. m. The allowance of books that may be borrowed is eight at a time to officers and professors, and two to midshipmen (periodicals counting as books). A bulletin board announces the new books, and shows the contents of the "Proceedings of the Naval Institute," a monthly magazine of uncommon merit and of great value to the service. Further, to show what the library has to offer and to promote its uses and service, a leaflet or mimeographed bulletin is issued about once a week, containing the titles of from 20 to 25 of the latest books acquired, and beneath each title is a line or two describing the characteristics of the work. Sometimes these bulletins are made up entirely of the titles of articles contained in the publications of naval or engineering societies, and at other times they show the latest articles of special professional interest that appear in the leading magazines. This bulletin is sent to all officers, professors, and midshipmen. It keeps them promptly informed of the books last acquired, and of those ready for use, and it is an aid to all concerned.

Use of the library has been growing steadily, both in reference and research work and in the number of books borrowed and carried to quarters. All midshipmen are required during their first summer to spend there one hour and a half a week. These periods are under the direction of the department of English, and professors of that department are present at such times. The purpose is to acquaint midshipmen with the books, and to teach them how to use the catalogue and to look up topics on which information is sought, when they have need to do so.

Midshipmen may go to the library at all times when their studies and duties do not prevent. The library, constructed on lines of broad culture, reflects this in the training of midshipmen, and aids in giving them that general development which is important in the aim of the Naval Academy.

SUMMARY OF COURSE IN AVIATION INSTRUCTION

A course in aviation for the graduating class, supplementing the regular curriculum, was established at the Naval Academy by the Navy Department in May, 1925. The course includes three months of special intensive training instruction in ground and flight work, the object being to send the graduating class away from the Naval Academy well founded in the fundamental requirements of naval aviation. The first class to receive this aviation instruction was the class graduating in 1926. The classes that graduated in 1927 and 1928 have also received this instruction.

The scope of the course includes the following subjects and practical training, with time allotted to each in accordance with its relative importance:

- Structure and rigging.

- Aviation engines.

- Theory of flight.

- Aircraft communication.

- Aerology.

- Navigational instruments.

- Aerial navigation.

- Radio code practice.

- Flight training.

- Aerial gunnery.

- Aerial bombing.

- Range gunnery.

- Aircraft scouting.

- Combat and flight formations.

- General and special lectures on aviation subjects by prominent aviators.

- Reading courses on aviation subjects.

In 1929, flight observation training during the summer immediately after graduation was discontinued. The class of 1929 did not, therefore, receive this instruction. In lieu thereof a second class summer was established and the members of the class of 1931 were retained at the Naval Academy to undergo practical instruction in aviation and engineering subjects.

At present the indications are that the summer aviation schedule for the second class will become permanent.

PRIZES AWARDED DURING THE ACADEMIC YEAR, 1930-31

SECRETARY OF THE NAVY'S TROPHIES FOR EXCELLENCE IN SMALL-ARMS FIRING

The Navy Department annually awards a trophy to the midshipman of each graduating class who has demonstrated outstanding proficiency in the use of the service rifle, and also a trophy to the foremost pistol shot of each graduating class. These trophies are designated as the "Secretary of the Navy's Rifle Trophy" and the "Secretary of the Navy's Pistol Trophy," respectively.

Midshipman John Frank Harper, jr., class of 1931, was awarded the Secretary of the Navy's rifle trophy, and Midshipman HARRINGTON MAX DRAKE, class of 1931, the Secretary of the Navy's pistol trophy.

PRESENTED BY THE UNITED STATES NAVAL ACADEMY FOR GENERAL EXCELLENCE IN TARGET PRACTICE

The Naval Academy presents each year gold, silver, and bronze medals, respectively, to the midshipmen of the second class who stand first, second, and third in excellence in small-arms target practice. This standing is determined by shooting the sharpshooter course B and the Naval Academy pistol course at a specified time, near the end of the academic year.

Recipients: First prize (gold medal), Midshipman Edwin Charles Woodward, class of 1932; second prize (silver medal), Midshipman GEORGE CUTHBERT HUNTER, class of 1932; third prize (bronze medal), Midshipman Morton Sunderland, class of 1932.

Midshipmen who qualified as expert riflemen

FIRST CLASS (1931)

Elden, R. W.

SECOND CLASS (1932)

Baker, H. E.	Lietwiler, J. M.	Sunderland, M.
Dennett, M. E.	Pfingstag, P. W.	Turton, H. J.
Fawcett, M. A.	Richards, W. L.	Vandling, R. E.
Hunter, G. C.	Short, W. B., jr.	Woodward, E. C.

THIRD CLASS (1933)

Beard, T. W.	Fritter, C. T.	McRae, R. H.
Blatchford, W. L.	Galantin, I. J.	Miller, G. H.
Bogardus, B. W.	Heath, C. J.	Morrow, G. M.
Coleman, R. B.	Jurika, S. jr.	Peterson, F. J.
Copeland, R. G.	Koch, G. P.	South, T. W. 2nd.
Davis, D. W.	Luosey, M. J.	St. Germain, R. C.
Foster, E. J.	Martin, J. L.	Tinker, M. H.
Fox, H. H.	McCampbell, D.	

FOURTH CLASS (1934)

Arnold, J. D.	Fulp, J. D., jr.	Platt, F. C.
Artz, G. E.	Gerlach, C. H.	Powell, J. W.
Becker, A. L.	Grossman, G. S.	Powers, B. G.
Biard, F. R.	Hagel, A. J. J.	Prentice, J. R.
Biesecker, M. G.	Hallock, R. F.	Rector, J. A., jr.
Blackford, M.	Harper, C. K.	Reeves, M. C.
Blenman, C., jr.	Hartman, F. E.	Rider, E. C.
Brinker, R. M.	Hastings, W. E.	Rottet, R. K.
Carter, C. R.	Haworth, M. D.	Ruffin, G. C., jr.
Champlin, M. M.	Hay, A. G.	Sapp, J. W., jr.
Christensen, E. E.	Keller, W. W.	Schatz, O. C., jr.
Chung-Hoon, G. P.	Lawson, E. C., jr.	Seeds, E. W.
Clark, C. H.	Lemons, J.	Shaw, S. R.
Coffin, A. P.	Lenhart, T. B.	Skjonsby, V. L.
Cook, H. E., jr.	Lewis, C. D.	Smith, A. C.
Cooper, E. G., jr.	Leyde, G. W.	Smyth, W. A.
Corbin, H. C.	Manning, A. R.	Stirling, C. W.
Davis, J. K.	Martin, J. C.	Strickler, L. E.
Davis, J. R. D.	McCombs, P.	Stuart, R. S.
Dean, W. A., jr.	McLean, R. E.	Stulgis, J. E.
Drumtra, W. J.	Metcalf, P. T.	Thompson, H. L., jr.
Dutton, W. T.	Middleton, C. W., jr.	Thompson, Z., jr.
Eberle, J. F.	Miller, H. L.	Van Arsdall, C. J., jr.
Ede, A. L.	Miller, J. G.	Walkup, B. F.
Edwards, M. F.	Norman, H. K.	Wells, G. C.
Fahy, E. J.	Oakley, T. B., jr.	Westholm, R. E.
Fletcher, F. O., jr.	Parks, F. B.	Whitaker, B. T.
Fortune, R. M.	Peddy, C. H.	Woodruff, J. A.
Froling, W. H.	Petrie, C. W.	Wright, J. M.
Fuchs, J. P.	Phelps, J. M.	Zysk, S.

Midshipmen who qualified as expert pistol shots

FIRST CLASS (1931)

Crane, L. O.	Fitzgerald, W. H.	Ritchie, C. A.
Drake, H. M.	Kunkle, G. O.	

CLASS OF 1897 SWORD AND CUP

A sword is awarded annually by the class of 1897 to that midshipman of the graduating class who has contributed most by his officerlike qualities and positive character to the development of naval spirit and loyalty within the regiment. The name of the midshipman to whom the sword is awarded is inscribed on the class of 1897 cup. The cup is retained at the Naval Academy. Midshipman MAURICE WILHELM HIBSCHMAN, class of 1931, was awarded the sword and his name was inscribed on the cup.

CLASS OF 1871 SWORD

The class of 1871 provides funds each year to be given to that midshipman of the graduating class who is most proficient in practical and theoretical ordnance and gunnery, with the understanding that the recipient will purchase a Navy dress sword with these funds. There are further requirements as to how the sword shall be engraved. Midshipman ALEXANDER CRAIG VEASEY, class of 1931, was awarded this prize.

CLASS OF 1924 PRIZE

A gold watch, suitably engraved, is presented each year by the class of 1924 to that midshipman of the graduating class who stands highest for the course in the department of engineering and aeronautics. Midshipman THOMAS DONALD TYRA, class of 1931, was awarded this prize.

GENERAL SOCIETY, SONS OF THE REVOLUTION CUP

A cup has been presented to the Naval Academy by the General Society, Sons of the Revolution, and remains here. Each year the name of the midshipman who is most proficient in practical ordnance and gunnery is inscribed thereon. The name of Midshipman VERNON REX HAIN, class of 1931, was inscribed on the cup.

NATIONAL SOCIETY, DAUGHTERS OF THE AMERICAN REVOLUTION SWORD

A sword is presented each year by the National Society, Daughters of the American Revolution, to that midshipman of the graduating class who excels in practical seamanship. Midshipman HARRIS PETRIKIN CHILD, class of 1931, was awarded this prize.

MILITARY ORDER OF FOREIGN WARS' PRIZE

A wrist watch, suitably engraved, is presented each year by the Military Order of Foreign Wars, to that midshipman of the graduating class who stands highest for the course in the department of mathematics. Midshipman THOMAS WOODSON ROGERS, class of 1931, was awarded the prize.

THOMPSON PRIZE

The late Col. Robert M. Thompson, class of 1868, United States Naval Academy, provided for the awarding of a navigating sextant to that member of each graduating class who proves himself most proficient in practical and theoretical navigation. Midshipman JAMES THOMAS LAY, class of 1931, was the recipient of the sextant.

VAN DYKE PRIZE

A gold watch, suitably inscribed, is annually presented by Dr. Henry van Dyke to the member of each graduating class who submits the best original article or theme on any naval or equally patriotic subject. Midshipman ELLIOTT EUGENE MARSHALL, class of 1931, was awarded the prize.

GARDNER L. CASKEY MEMORIAL PRIZE

A watch, known as the Gardner L. Caskey memorial prize, is presented each year to the midshipman who graduates at the head of his class for the course. The watch was awarded to Midshipman THOMAS DONALD TYRA, class of 1931.

MAURY PRIZE

A pair of marine binoculars, known as the Maury prize, is presented each year by the United Daughters of the Confederacy to the midshipman of the third class who excels in physics. Midshipman ROBERT ANTHONY GALLAGHER, class of 1933, was awarded this prize.

COMMANDER JAMES EDWARD PALMER PRIZE

Mrs. James Edward Palmer presents a wrist watch known as the Commander James Edward Palmer prize, to the midshipman of the graduating class who is declared the most proficient in practical steam engineering. The watch was awarded to Midshipman FREDERICK WILLISTON WRIGHT, jr., class of 1931.

LETTERS OF COMMENDATION AND APPRECIATION

In accordance with Naval Academy Order 13-30, letters of commendation and appreciation were addressed to the below-named midshipmen of the class of 1931,

they having contributed most by their officerlike qualities and positive character to the development of naval spirit and loyalty within the regiment during the academic year 1930-31:

Alexander Craig Veasey.

Robert Lee Taylor.

Horace Douglas Moulton.

Ernest Charles Holtzworth.

Raymond Paul Hunter.

Theodore Adolph Torgerson.

NATIONAL ASSOCIATION OF MUTUAL SAVINGS BANKS' PRIZE

The National Association of Mutual Savings Banks has offered an annual prize of \$100 for the best original essay on a theme relating to thrift and savings written by a member of the graduating class. Midshipman JAMES MARSHALL Wood, class of 1931, was the winner.

NEW YORK TIMES' PRIZES

The New York Times presents annual prizes, as hereinafter enumerated, to the three midshipmen who in a competitive examination show the broadest knowledge and most thorough understanding of current events both domestic and foreign:

(a) Senior contest (open to midshipmen of the first, second, and third classes):

First prize.—A bronze plaque and a cash award of \$150. Recipient: Midshipman JOHN ALEXANDER WHITE, class of 1931.

Second prize.—A cash award of \$75. Recipient: Midshipman RALPH WALDO ELDEN, class of 1931.

(b) Junior contest (open to midshipmen of the fourth class):

A cash award of \$25. Recipient: Midshipman EDWIN SHELTON FISHER, class of 1934.

THOMPSON TROPHY CUP

A cup known as the Thompson trophy cup was presented to the Naval Academy by the late Col. Robert M. Thompson, class of 1868, United States Naval Academy, on which is inscribed each year the name of the midshipman who shall be declared by the executive committee of the Navy Athletic Association to have done the most during the year preceding for the promotion of athletics at the Naval Academy. The name of Midshipman ROBERT MILTON BOWSTROM, class of 1931, was inscribed on the cup.

NAVY ATHLETIC ASSOCIATION SWORD

A sword is presented at the end of each academic year by the Navy Athletic Association to the midshipman who is considered to have personally excelled in general athletics. Midshipman ALBERT DOWNING GRAY, class of 1931, was awarded the sword.

HARVARD SHIELD

The numerals of the class of 1932 were engraved on the "Harvard Shield," which was presented by the Associated Harvard Clubs, as that class which excelled in interclass athletic contests during the past year.

CRENSHAW CUP

The name of Midshipman ROBERT BURWELL FULTON, 2d, class of 1932, was inscribed on the Crenshaw memorial cup for 1931. This cup was presented by Mr. E. A. Crenshaw, and upon it is to be inscribed each year the name of the coxswain of that 8-oared crew winning the greatest number of races for that year.

LYSISTRATA CHALLENGE CUP

The race for the "Lysistrata challenge cup" was held during the summer practice cruise, 1931, at Gibraltar. Midshipmen crews in standard Navy racing cutters competed. The crews finished in the following order: Wyoming and Arkansas.

UNIVERSITY OF FLORIDA



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